



ZHEYUAN 哲源
FLUORESCENT BRIGHTENERS



SUBANG 塑邦

山东塑邦荧光科技有限公司

SHANDONG SUBANG FLUORESCENCE TECHNOLOGY CO.,LTD

山东哲源化工有限责任公司

SHANDONG JOY-RING CHEMICAL CO.,LTD



optical brightener

具有影响力的**荧光增白剂**生产商与供应商

The most influential **optical brightener** manufacturer and supplier

中国·山东
CHINA SHANDONG

企业介绍

» Company profile

山东塑邦荧光科技有限公司位于山东德州禹城，自1998年起，一直致力于荧光增白剂及其中间体的研发、生产和销售。公司旗下有济南塑邦精细化工、山东哲源化工、塑邦国际、山东塑邦济南分公司4家子公司，及聊城六合化工（控股）、吴桥六合德利化工（参股）2个生产基地。有研发检测中心和大型仓储物流基地。拥有进出口权、危化品经营许可证和REACH认证，2019年通过了ISO质量管理体系认证和国家AAA级信用企业，是一家出口创汇型企业。

公司拥有先进的生产设备、精准的检测技术和雄厚的资本。20余年来，公司70%以上的产品销售到全球50多个国家和地区，为多家国际著名品牌提供OEM服务及产品的第三方检测和委托采购，并与国内知名大学院校建立了长期战略合作关系。

山东塑邦未来专注荧光增白剂的合成、应用、创新与设计。坚持做“精”而“专”，“小”而“美”的可持续发展企业。

Located in Yucheng, Dezhou City, Shandong Subang dedicated into the R&D, manufacturing and sales of optical brighteners since 1998. We have four subsidiary companies Jinan Subang Fine Chemical, Shandong Joy-ring Chemical, Subang International Chemical and Shandong Subang Jinan Branch, and two production bases of Liaocheng Liuhe Chemical (Holding) and Wuqiao Liuhe Deli Chemical (Share-holding). The well equipped R&D center and supersize logistic center contribute to our fast development while the import and export rights, Hazardous Chemicals Business License and REACH Certification enable us the expanding of oversea markets. We passed ISO quality management system certification and granted the national AAA credit in 2019 as an export oriented enterprise.

With the advanced equipment, accurate detection technology and strong capital, over 70% of our products was sold to more than 50 countries and regions worldwide in the past 20 years. We also provide OEM services for many world famous brands, as well as third-party testing and entrusted procurement and established long-term strategic cooperation with some domestic well-known universities.

Shandong Subang will continually focus on the synthesis, application, innovation and research of optical brighteners aiming to be a professional and specialized, small and beautiful sustainable enterprise.



孔子



● 专注于荧光增白剂的合成与创新

Specialized in the compounding and developing of optical brighteners

● 精工于荧光增白剂的应用与设计

Dedicated to the application and innovation of optical brighteners

● 坚守“精”而“专”，“小”而“美”！

SBCHEM, specific and specialized, Small but professional !

黄河

企业实景图 Factory corner



塑邦产品目录 Subang product catalog

一、塑料荧光增白剂	OPTICAL BRIGHTENERS For Plastic, Resin	C. I.
荧光增白剂OB-1	Optical Brightener OB-1	393
荧光增白剂OB	Optical Brightener OB	184
荧光增白剂FP-127	Optical Brightener FP-127	378
荧光增白剂FP-128	Optical Brightener FP-128	
荧光增白剂KSN	Optical Brightener KSN	368
荧光增白剂KSNp	Optical Brightener KSNp	368
荧光增白剂OB-2	Optical Brightener OB-2	
荧光增白剂KCB	Optical Brightener KCB	367
荧光增白剂KSB	Optical Brightener KSB	
荧光增白剂KS	Optical Brightener KS	
荧光增白剂KSS	Optical Brightener KSS	
荧光增白剂DBH	Optical Brightener DBH	
荧光增白剂WGS	Optical Brightener WGS	
荧光增白剂ER-III	Optical Brightener ER-III	199:2
低荧光增白剂DA	Optical Brightener DA	
无荧光增白剂WA-1	Optical Brightener WA-1	
无粉尘荧光增白剂	No dust fluorescent whitening agent	
荧光增白剂EBF	Optical Brightener EBF	318
荧光增白剂PF-3	Optical Brightener PF-3	135

二、印染荧光增白剂	OPTICAL BRIGHTENERS For Textile	C. I.
荧光增白剂ER-I/-L	Optical Brightener ER-I/-L	199
荧光增白剂ER-II/-L	Optical Brightener ER-II/-L	199:1
荧光增白剂EBF-L	Optical Brightener EBF-L	318
荧光增白剂DT	Optical Brightener DT	135
荧光增白剂BAC-L	Optical Brightener BAC-L	363
荧光增白剂CL	Optical Brightener CL	220
荧光增白剂NFW/-L	Optical Brightener NFW/-L	351
荧光增白剂MST	Optical Brightener MST	353
荧光增白剂4BK	Optical Brightener 4BK	113
荧光增白剂CXT	Optical Brightener CXT	71
荧光增白剂AMS-X	Optical Brightener AMS-X	71
荧光增白剂DMS	Optical Brightener DMS	
荧光增白剂BA	Optical Brightener BA	113
荧光增白剂VBL	Optical Brightener VBL	
荧光增白剂BBU	Optical Brightener BBU	220
荧光增白剂PC-2磺酸	Optical Brightener PC-2 sulfo-acid	85
荧光增白剂PC-4磺酸	Optical Brightener PC-4 sulfo-acid	220
荧光增白剂PC-6磺酸	Optical Brightener PC-6 sulfo-acid	357

三、油漆、油墨、乳胶漆荧光增白剂	OPTICAL BRIGHTENERS For Paints, Inks and Latex paint	C. I.
荧光增白剂OEF	Optical Brightener OEF	184
荧光增白剂OB精粉	Optical Brightener OB Fine Powder	184
荧光增白剂UVT-1	Optical Brightener UVT-1	338
荧光增白剂ST-I	Optical Brightener ST-I	140
荧光增白剂ST-II	Optical Brightener ST-II	181

四、洗涤专用荧光增白剂	OPTICAL BRIGHTENERS For Detergent	C. I.
荧光增白剂CBS-X	Optical Brightener CBS-X	351
荧光增白剂LMS-X	Optical Brightener LMS-X	
荧光增白剂LBS-X	Optical Brightener LBS-X	

哲源产品目录 Joy-ring product catalog

五、中间体目录

Intermediate product catalogue

邻氨基苯酚	O-aminophenol
邻氨基对甲苯酚	O-Amino-P-Methylphenol
邻氨基对叔丁基苯酚	O-Amino-P-(Tert)Butyl Phenol
邻氨基对氯苯酚	P-chloro-o-aminophenol
邻硝基苯酚	O-nitrophenol
邻硝基对甲苯酚	O-Nitro-P-Methylphenol
邻硝基对叔丁基苯酚	2-Nitro-4-tert-butylphenol
对叔丁基苯酚	P-tert-Butylphenol
对甲基苯甲酸	P-toluic acid
邻甲基苯甲酸	O-toluic acid
1,4-萘二羧酸 (KCB酸)	1,4-naphthalene dicarboxylic acid
噻吩-2,5-二羧酸 (OB酸)	2,5-Thiophenedicarboxylic acid
对苯二甲醛	1,4-Phthalaldehyde
邻苯二甲醛	O-Phthalaldehyde
邻磺酸钠苯甲醛	2-Formylbenzenesulfonic Acid Sodium Salt
邻甲氧基苯甲醛	O-Anisaldehyde
邻甲苯腈	O-Tolunitrile
对甲苯腈	P-methylphenol
苯乙酰氯	Phenylacetyl Chloride
2,4,6-三甲基苯胺	2,4,6-Trimethylaniline
间苯二甲醛	Isophthalaldehyde
对氟基氯苄	4-(Chloromethyl)tolunitrile
联苯二氯苄	4,4'-Bis(chloromethyl)-1,1'-biphenyl



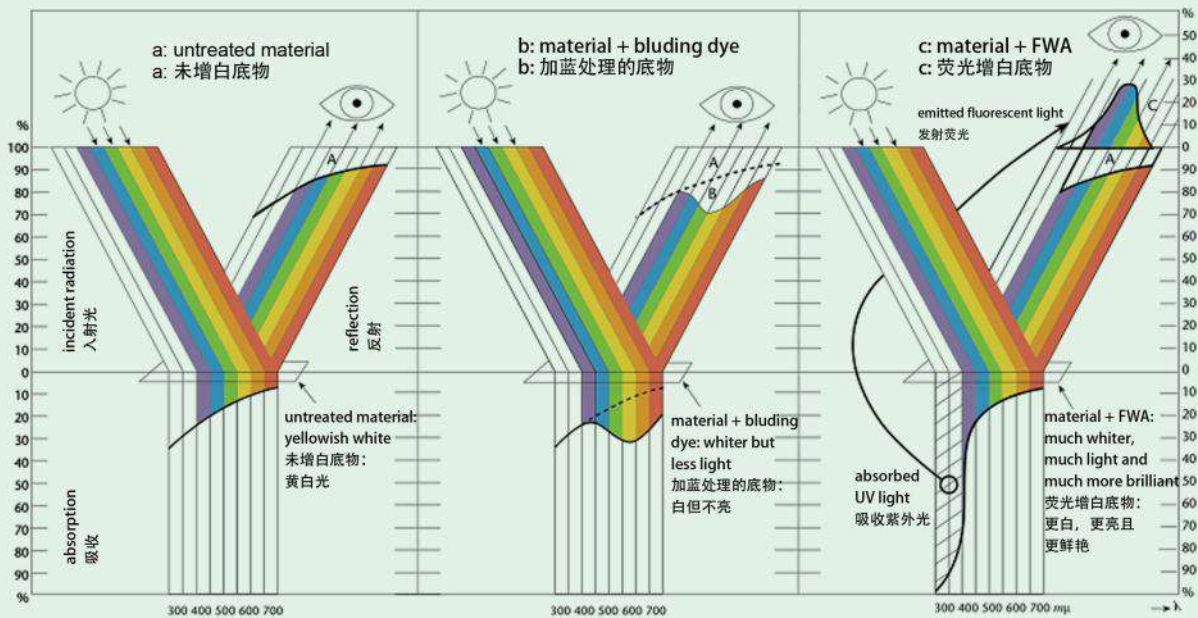
荧光增白剂作用原理

荧光增白剂作用原理：吸收光线中不可见的紫外光，改变波长，并发出可见的蓝光，与物料发出的黄光进行叠加后，互补形成白光，使物料发出的白光增加，从而达到增白的效果。

荧光增白剂可以吸收不可见的紫外光，（波长范围约为60—380 nm），转换为波长较长的蓝光或紫色的可见光，因而可以补偿基质中不想要的微黄色，同时反射出比原来入射的波长在400—600 nm范围的更多的可见光，从而使制品显得更白、更亮、更鲜艳。荧光增白剂的增白不会对物体产生物理损害，只是欺骗了人的眼睛。这也是亚洲人认为看到青蓝色光比较白，而欧洲人看到红紫色光比较白的原因。

Principle of optical brightener: it absorbs the invisible ultraviolet light, changes the wavelength and emits visible blue light, superposition and complementary with the yellow light of material to white light, so as to achieve the whitening effect.

Optical brightener can absorb invisible ultraviolet light, (wavelength range approximately 60–380 nm) , converted it to a longer wavelength of visible blue or purple light , thus it can be compensated unwanted yellowish in material, meanwhile reflected range more visible light in the 400–600 nm , so that products appear more whiter, brighter. The whitening of fluorescent whitening agent does not cause physical damage to the material, but only tricks human eye. That's why Asians think bluish light is whiter, while Europeans see reddish–purple light as whiter.



a: untreated material absorbs mainly blue light (A)→yellow cast
a: 未增白底物主要吸收蓝光 (A) →黄色投影

b: blued material: yellow cast (a) compensated by additional absorption of green-yellow light (B)→loss of lightness
b: 加蓝处理的底物，黄色投影由额外吸收绿黄光 (B) 而补偿→失去亮度

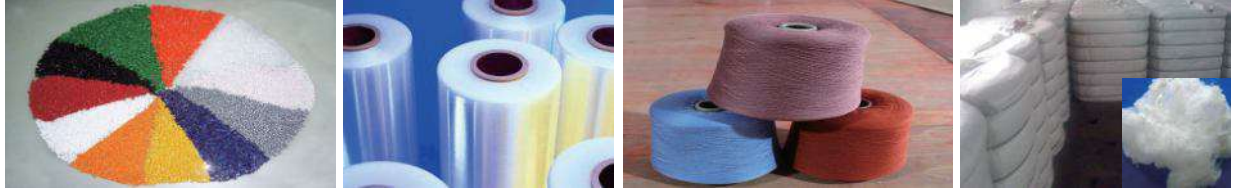
c: material treated with FWA: reflectance + fluorescence
→yellow cast compensated + excess of blue light (C)
c: 荧光增白底物：反射+荧光→黄色投影由过量的蓝光 (C) 得到补偿

荧光增白剂													
	OB	OB-1	FP-127	KCB	KSN	SWN	CBS-X	ER-I	ER-II	EBF	PF	BAC	KS
	CI 184	CI 393	CI 378	CI 367	CI 368	CI 140	CI 351	CI 199	CI 199:1	CI 185	CI 135	CI 363	
PE	●	●	○	●	○					●	●		●
PP	●		○	●	○					●			●
软质 PVC	●	○	●	●	○	●			●	●	●		●
硬质 PVC	●	●	●	●	●			●	●	●	●		●
PS	○	●	●	●	●					●			●
ABS	●	●	○	●	●					●	●		○
EVA		●		●	●								●
TPE/TPA	●	●	○	●	●								●
PU	●	○	●	●	○								
PMMA	●		●	●	○					●			●
PA	○	●	○	○	●								○
PBT	○	●	○	○	●					○			●
PET	○	●	○	○	●								●
PC	○	●	○	○	●								●
印染						●	●	●	●	●	●	●	
纤维	●	○	○		●			●	●	●	●	●	
涂料	●	○	○		○					●			
油性油墨油漆	●	○	○		●					●		●	
洗涤							●						

● 推荐 ○ 可以用

一、塑料荧光增白剂

OPTICAL BRIGHTENERS For Plastic, Resin



荧光增白剂 OB-1

Optical Brightener OB-1

C.I.: 393

CAS NO.: 1533-45-5

外观: 亮黄绿色结晶粉末

熔点: 350-355°C

用途: 适合各种塑料、用量少、耐迁移、高效环保。

C.I.: 393

CAS NO.: 1533-45-5

Appearance: Bright yellowish green crystal powder

Melting point: 350-355°C

Application: Suitable for various kinds of plastic, small dosage, migration resistance, efficient and environmental friendly.

荧光增白剂 OB

Optical Brightener OB

C.I.: 184

CAS NO.: 7128-64-5

外观: 浅黄色粉末

熔点: 196-203°C

用途: 适合各种塑料, 透光性好, 耐候性极好, 高效环保。

C.I.: 184

CAS NO.: 7128-64-5

Appearance: Light yellowish powder

Melting point: 196-203°C

Application: Suitable for all kinds of plastics, good light transmittance, excellent weather resistance, high efficiency and environmental friendly.

荧光增白剂 FP-127

Optical Brightener FP-127

C.I.: 378

CAS NO.: 40470-68-6

外观: 淡黄色结晶粉末

熔点: 210-220°C

用途: 用于各种 PVC制品, 用量少, 白度高, 耐迁移, 高效环保。

C.I.: 378

CAS NO.: 40470-68-6

Appearance: Light yellowish crystalline powder

Melting point: 210-220°C

Application: Suitable for all kinds of PVC products, small dosage and high whiteness, migration resistance, high efficiency and environmental friendly.

荧光增白剂 FP-128

Optical Brightener FP-128

CAS NO.: 40470-68-6

外观: 淡黄色结晶粉末

熔点: 184°C

用途: 用于各种 PVC制品, 用量少, 白度高, 耐迁移, 高效环保。

CAS NO.: 40470-68-6

Appearance: Light yellowish crystalline powder

Melting point: 184°C

Application: Suitable for all kinds of PVC products, small dosage and high whiteness, migration resistance, high efficiency and environmental friendly.



荧光增白剂 KSN

Optical brightener KSN

C.I.: 368

CAS NO.: 5242-49-9

外观: 黄绿色结晶粉末

熔点: 275-280°C

用途: 专用于耐高温塑料和工程塑胶。耐候性、耐温性极好, 加量少, 白度高, 环保。

C.I.: 368

CAS NO.: 5242-49-9

Appearance: Yellowish green crystal powder

Melting point: 275-280°C

Application: Especially suitable for thermoplastics and engineering plastics. Good weather resistance, good thermal stability, small dosage, high whiteness, environmental friendly.

荧光增白剂 KSNp (进口)

Optical Brightener KSNp (Import)

C.I.: 368

CAS NO.: 5242-49-9

外观: 黄绿色粉末

熔点: 250-285°C

用途: 适用于各种塑料增白、增艳; 特别适用于高温尼龙塑料和工程塑胶, 耐温性能优良。

C.I.: 368

CAS NO.: 5242-49-9

Appearance: Yellowish green powder

Melting point: 250-285°C

Application: Suitable for whitening and brightening general plastics, especially for high temperature nylon plastic and engineering plastic, good thermal stability.

荧光增白剂 OB-2

Optical brightener OB-2

CAS NO.: 2397-00-4

分子式: C₃₀H₂₂N₂O₂

外观: 黄绿色粉末

熔点: 278-280°C

用途: 适用于各种塑料, 专用于PET母粒, 耐候性、耐温性极好, 加量少, 白度高, 环保。

CAS NO.: 2397-00-4

Molecular formula: C₃₀H₂₂N₂O₂

Appearance: Yellow green crystal powder

Melting point: 278-280°C

Application: Suitable for all kinds of plastics, special for PET masterbatch, excellent weather resistance and heat resistance. Small dosage, high whiteness, environmental friendly.

荧光增白剂 KCB

Optical Brightener KCB

C.I.: 367

CAS NO.: 5089-22-5

外观: 黄绿色结晶粉末

熔点: 210-212°C

用途: 用于各种塑料, 特适合EVA发泡, 耐迁移, 高效环保。

C.I.: 367

CAS NO.: 5089-22-5

Appearance: Yellowish green crystal powder

Melting point: 210-212°C

Application: Suitable for various kinds of plastic, especially for EVA foamed plastic, migration resistance, high efficiency and environmental friendly.

荧光增白剂 KSB

Optical brightener KSB

分子式: C₂₆H₁₈N₂O₂

分子量: 390

外观: 黄绿色结晶粉末

熔点: 237-239°C

用途: 适用于各种塑料, 专用于PP与PE的再生料, 白度、亮度极高, 耐高温、耐日晒、高效环保。

Molecular formula: C₂₆H₁₈N₂O₂

Molecular weight: 390

Appearance: Yellowish green crystal powder

Melting point: 237-239°C

Application: Applicable to all kinds of plastics, dedicated to PP and PE recycled materials, high whiteness and brightness. High temperature resistance, light fastness, high efficiency and environmental friendly.

荧光增白剂 KS

Optical Brightener KS

CAS NO.: 5242-49-9
 外观: 淡黄色结晶粉末
 含量: ≥98.0%
 熔点: 296-300℃
 用途: 该产品主要用于ABS、PS、HIPS、PA、PC、PP、EVA和软、硬质PVC等塑料增白。在PE增白母粒中加入KS后回收料会显得更白, 而且不同回收料中色度会变得更加一致。溶解性好, 与OB混合有强加效性。

CAS NO.: 5242-49-9
 Appearance: Light yellow crystal powder
 Assay: ≥98.0%
 Melting Point: 296-300℃
 Application: Mainly used for ABS,PS, HIPS, PA, PC, PP, EVA and PVC(flexible and rigid) etc plastics materials . In PE Masterbatch . KS can make the recycled materials whiter and change to similar chroma, Good solubility. Better effect when mix with OB.

荧光增白剂 KSS

Optical Brightener KSS

CAS NO.: 5242-49-9
 外观: 淡黄色粉末
 熔点: 296-300℃
 用途: KCB的替代品, 适用于各种塑料, 耐高温, 稳定, 特适合EVA发泡, PP\PE母粒的增白、增艳。

CAS No.: 5242-49-9
 Appearance: Light yellowish powder
 Melting point: 296-300℃
 Application: It can replace KCB, suitable for general plastics, good temperature-resistance & stability, especially suitable for EVA foamed plastics, whitening and brightening PP, PE masterbatches.

荧光增白剂DBH

Optical Brightener DBH

CAS NO.: 13001-40-6
 外观: 黄色粉末
 分子式: C₂₈H₂₀Na₂O₆S₂
 用途: 适用于PVC电缆料、型材、管材PP、PE等塑料的增白增艳。

CAS NO.: 13001-40-6
 Appearance: Yellowish powder
 Molecular formula: C₂₈H₂₀Na₂O₆S₂
 Application: Suitable for PVC cable material, profiles, pipes PP, PE and other plastics whitening and brightening.

荧光增白剂WGS

Optical Brightener WGS

C.I.: 54
 CAS NO.: 12768-89-7
 外观: 白色粉末
 熔点: 48.5-52℃
 用途: 适用于各类高档透明薄膜, 荧光增白发光剂。

C.I.: 54
 CAS NO.: 12768-89-7
 Appearance: White powder
 Melting point: 48.5-52℃
 Application: Suitable for all kinds of high grade transparent film, fluorescent whitening agent.

荧光增白剂 ER- III

Optical Brightener ER- III

C.I.: 199:2
 CAS NO.: 13001-38-3
 熔点: 265-270℃
 用途: 用于各种塑料, 适合PVC。

C.I.: 199:2
 CAS NO.: 13001-38-3
 Melting point: 265-270℃
 Application: Suitable for a variety of plastics, such as PVC.

低荧光增白剂 DA

Low-fluorescent Brightener DA

结构: 对称二苯乙烯衍生物

Structure: Symmetric stilbene derivatives

外观: 白色粉末

Appearance: White powder

熔点: 202-206°C

Melting point: 202-206°C

用途: 适用于各种高档透明塑料增白增艳。白度好, 荧光低, 亮度度极高, 能更好的用于紫外线阻隔。

Application: Suitable for whitening and brightening general top grade transparent plastics. Good whiteness, low fluorescence, ultra-high brightness, better for obstructing UV.

无荧光增白剂WA-1

Non-fluorescent Brightener WA-1

外观: 白色结晶粉末

Appearance: White crystal powder

熔点: > 300°C,

Melting point: > 300°C,

用途: 适用于化纤、塑料的无荧光增白剂。特别用在化纤回收料、再生料仿大化化纤有特效, 产品增值高。

Application: Suitable for chemical fabrics & plastics, especially good whitening effect in recycled chemical fabrics / recycled close virgin chemical fabrics, high added-value.

无粉尘荧光增白剂

No dust fluorescent whitening agent

外观: 颗粒状

Appearance: Graininess

含量: 30%

Content: 30%

用途: 适用于各类塑料的增白

Application: Suitable for whitening of all kinds of plastics

荧光增白剂EBF

Optical Brightener EBF

C.I.: 185

C.I.: 185

CAS NO.: 12224-41-8

CAS NO.: 12224-41-8

外观: 浅黄色结晶粉末

Appearance: Light yellow crystalline powder

熔点: 220°C

Melting Point: 220°C

分子式: C₁₈H₁₀N₂O₂S

Molecular formula: C₁₈H₁₀N₂O₂S

用途: 主要用于商品化增白剂EB也可用于各类聚烯烃塑料、ABS工程塑料、有机玻璃等的增白增艳。

Application: It is mainly used as commercial whitening agent EB and can also be used for whitening and brightening of various polyolefin plastics, ABS engineering plastics, plexiglas, etc.

荧光增白剂 PF-3

Optical brightener PF-3

C.I.: 135

C.I.: 135

CAS NO.: 12224-12-3

CAS NO.: 12224-12-3

外观: 淡黄色粉末

Appearance: Light yellowish powder

熔点: 182-188°C

Melting point: 182-188°C

用途: 红光重适于各种塑料, 在PVC制品中, 白度好, 高效环保。

Application: Strong red tone, suitable for all kinds of plastics, good whiteness, high efficiency and environmental friendly.

二、印染荧光增白剂

OPTICAL BRIGHTENERS For Textile



荧光增白剂 ER-I/-L

Optical Brightener ER-I/-L

C.I.: 199

CAS NO.: 13001-39-3

外观: 淡黄色粉末或液体

熔点: 230-232℃

用途: 固体用于塑胶, 液体用于浆液。

C.I.: 199

CAS NO.: 13001-39-3

Appearance: A light yellow powder or liquid

Melting Point: 230-232℃

Application: Solid for plastic, liquid for polyester.

荧光增白剂 ER-II/-L

Optical Brightener ER-II/-L

C.I.: 199:1

CAS NO.: 13001-38-2

外观: 粉末或液体

熔点: 188-192℃

用途: 固体用于塑胶, 液体用于浆液。

C.I.: 199:1

CAS NO.: 13001-38-2

Appearance: Powder or liquid

Melting point: 188-192℃

Application: Solid for plastic, liquid for polyester.

荧光增白剂 EBF-L

Optical Brightener EBF-L

C.I.: 185

CAS NO.: 12224-41-8

外观: 乳白色液体

用途: 适合各种人造纤维增白, 与其它增白剂混

合增白耐候牢度极佳。

C.I.: 185

CAS NO.: 12224-41-8

Appearance: Milk white liquid

Application: Suitable for all kinds of man-made fiber whitening, whiteness and weather-ability are excellent compounding with other optical brighteners.

荧光增白剂DT

Optical Brightener DT

C.I.: 135

CAS NO.: 12224-12-3

外观: 浅黄色液体

用途: 主要用于合成纤维与棉、毛混纺织物的增

白, 也可用于退浆, 氯化性漂白 (包括亚氯酸钠)

具有良好的耐洗和耐晒牢度。

C.I.: 135

CAS NO.: 12224-12-3

Appearance: Light yellowish liquid

Application: Mainly used for whitening of synthetic fiber, cotton and wool blended fabric, also can be used for desizing. Chlorinated bleaching (including sodium chlorite), has good wash resistance and sun fastness.



荧光增白剂 BAC-L

Optical Brightener BAC-L

C.I.: 363

CAS NO.: 175203-00-6

外观: 琥珀色液体

用途: 适用于晴纶织物及二醋酸纤维的增白加工; 适用于浸染及连续加工工艺; 对于亚氯酸及氯酸化合物非常稳定; 非常好的光牢度及湿牢度特性; 等同于 Uvitex BAC-L (Huntsman).

C.I.: 363

CAS NO.: 175203-00-6

Appearance: Amber liquid

Application: Suitable for whitening of acrylic fabrics and diacetate fibers; suitable for dyeing and continuous processing; very stable for chlorite and chloric acid compounds; excellent light fastness and wet fastness; Counter of Uvitex BAC-L (Huntsman).

荧光增白剂 CL

Optical Brightener CL

C.I.: 220

CAS NO.: 16470-24-9

外观: 琥珀色透明液体

用途: 在造纸工业中适用于浆内、涂布及表面施胶的增白。

C.I.: 220

CAS NO.: 16470-24-9

Appearance: Amber transparent liquid

Application: In the paper industry, it is suitable for whitening in pulp, coating

荧光增白剂 NFW/-L

Optical Brightener NFW/-L

C.I.: 351

CAS NO.: 54351-85-8

外观: 黄色粉末或浅琥珀色液体

用途: 最大的白度, 高经济性; 不仅适用于浸染也适用于轧染; 具有高的耐酸耐碱性, 适用的PH值在1-12之间; 良好的牢度和稳定性; 等同于 Uvitex NFW (Ciba)。

C.I.: 351

CAS NO.: 54351-85-8

Appearance: Yellow powder or light amber liquid

Application: High level whiteness and economic efficiency. Applicable in both dip dyeing and pad dyeing. Acid alkali-resistance. Applicable PH value 1 - 12. Good fastness and stability. Counter of Uvitex NFW (Ciba).

荧光增白剂 MST

Optical Brightener MST

C.I.: 353

CAS NO.: 68971-49-3

外观: 琥珀色液体

用途: 非常适用于树脂加工整理的工艺, 也适用于轧染; 非同一般的白度效果及高的鲜艳度; 适用于比较宽的温度范围(20-150° C); 对于酸碱性稳定性很好; 中性至微红色光。

C.I.: 353

CAS NO.: 68971-49-3

Appearance: Amber liquid

Application: Very suitable for resin processing and finishing process, also suitable for pad dyeing; unusual whiteness effect, extremely high brightness; suitable for a wide temperature range of 20-150° C; good for acid and alkaline stability; neutral to reddish shade.

荧光增白剂 4BK (红、蓝)

Optical Brightener 4BK (Red/Blue tone)

C.I.: 113

CAS NO.: 12768-91-1

外观: 淡黄色均匀粉末

纯度: 99%

用途: 适用于棉、涤棉混纺织物的增白以及棉混纺织物的一浴增白。

C.I.: 113

CAS NO.: 12768-91-1

Appearance: Light yellowish powder

Purity: 99% Application: Suitable for the whitening of cotton, polyester and cotton blended fabrics and one bath whitening of cotton blended fabrics.

荧光增白剂 CXT	Optical Brightener CXT
-----------	------------------------

<p>C.I.: 71</p> <p>CAS NO.: 16090-02-1</p> <p>外观: 淡黄色均匀粉末</p> <p>用途: 应用于针织棉及涤棉混纺织物增白。</p>	<p>C.I.: 71</p> <p>CAS NO.: 16090-02-1</p> <p>Appearance: light yellow powder</p> <p>Application: For knitted cotton and T/C blend fabrics.</p>
---	---

荧光增白剂AMS-X	Optical Brightener AMS-X
------------	--------------------------

<p>C.I.: 71</p> <p>CAS NO.: 16090-02-1</p> <p>外观: 类白色颗粒</p> <p>用途: 适用于洗涤剂, 配入合成洗衣粉、肥皂、香皂中, 能使其外观洁白悦目, 高效环保。</p>	<p>C.I.: 71</p> <p>CAS NO.: 16090-02-1</p> <p>Appearance: Off-white granule</p> <p>Application: Suitable for detergent industry, for the synthetic detergent, toilet soap, soap; Have good whitening performance and efficiency, environmental-friendly.</p>
---	--

荧光增白剂 DMS	Optical Brightener DMS
-----------	------------------------

<p>CAS NO.: 16090-02-1</p> <p>外观: 白色或浅黄色均匀颗粒</p> <p>分子式: $C_{40}H_{38}N_{12}O_{8}S_2Na_2$</p> <p>用途: 该产品主要用于纤维素织物、聚乙烯醇纤维织物及纸张、合成洗衣粉的增白、浅色纤维织物的增艳以及拔地印花, 白地增白等。</p>	<p>CAS NO.: 16090-02-1</p> <p>Appearance: White or light yellow uniform granule</p> <p>Molecular formula: $C_{40}H_{38}N_{12}O_{8}S_2Na_2$</p> <p>Application: This product is mainly used for whitening of cellulose fabric, polyvinyl alcohol fiber fabric and paper, synthetic detergent powder, brightening of light-colored fiber fabric, drawing printing and whitening of white ground, etc.</p>
---	--

荧光增白剂 BA	Optical Brightener BA
----------	-----------------------

<p>C.I.: 113</p> <p>CAS NO.: 12768-92-2</p> <p>外观: 淡黄色均匀粉末</p> <p>用途: 1. 用于造纸行业。 2. 用于棉、麻、纤维素纤维增白。</p>	<p>C.I.: 113</p> <p>CAS NO.: 12768-92-2</p> <p>Appearance: Light yellowish powder</p> <p>Application:</p> <p style="margin-left: 40px;">1. for paper industry. 2. for cotton, linen and cellulose base fiber.</p>
--	---

荧光增白剂VBL	Optical Brightener VBL
----------	------------------------

<p>CAS NO.: 12224-16-7</p> <p>外观: 淡黄色粉末</p> <p>分子式: $C_{36}H_{34}N_{12}Na_2O_8S_2$</p> <p>用途: 用于棉和粘胶的白色产品的增白, 以及浅色或印花产品的增艳, 维纶、锦纶产品的增白, 造纸行业、纸浆或涂料的增白。</p>	<p>CAS NO.: 12224-16-7</p> <p>Appearance: Pale yellow powder</p> <p>Molecular formula: $C_{36}H_{34}N_{12}Na_2O_8S_2$</p> <p>Application: Whitening of white products used for cotton and viscose, brightening of light or printed products, whitening of vinylon and polyamide products, whitening of paper industry, pulp or coating.</p>
---	--



荧光增白剂 BBU

Optical Brightener BBU

C.I.: 220

CAS NO.: 16470-24-9

外观：淡黄色均匀粉末

用途：1.在涂布过程中进行荧光增白。2.在表面施胶过程中进行荧光增白。3.在纸浆内进行荧光增白。

C.I.: 220

CAS NO.: 16470-24-9

Appearance: Light yellowish powder

Application: For paper industry 1. in coating process. 2. in surface sizing. 3. in paper pulp.

荧光增白剂 PC-2磺酸

Optical Brightener PC-2 (sulfo-acid)

C.I.: 85

CAS NO.: 12224-16-7

外观：琥珀色液体

用途：1. 用于棉和粘胶的白色产品的增白，印染、轧染和印花浆中均适用。2. 可用于涤纶、锦纶产品的增白。3. 用于造纸行业、纸浆或涂料的增白。

C.I.: 85

CAS NO.: 12224-16-7

Appearance: Amber liquid

Application: 1. for white cotton and viscose and applicable for printing and dyeing, pad dyeing and printing paste. 2. for vinylon and nylon. 3. for paper industry, pulp and coating process.

荧光增白剂 PC-4磺酸

Optical Brightener PC-4 (sulfo-acid)

C.I.: 220

CAS NO.: 16470-24-9

外观：琥珀色液体

用途：1.在涂布过程中进行荧光增白。2.在表面施胶过程中进行荧光增白。3.在纸浆内进行荧光增白。

C.I.: 220

CAS NO.: 16470-24-9

Appearance: Amber liquid

Application: Suitable for paper industry. 1. in coating process. 2. in surface sizing. 3. in paper pulp.

荧光增白剂 PC-6磺酸

Optical Brightener PC-6 (sulfo-acid)

C.I.: 357

外观：琥珀色液体

用途：适用于涂层加工的荧光增白剂；对于硬水非常稳定；适用的pH值范围很宽；对于淀粉，CMC，碳酸化合物具有很好的亲和力；耐酸，光牢度高；对于颜料涂层加工的热加工工艺稳定。

C.I.: 357

Appearance: Amber liquid

Application: For coating process, stable in hard water, applicable in wide range of PH value, high affinity for starch, CMC and carbonic acid compound, acid resistant and high light-fastness, stable in hot working process of the pigment coating.



三、油漆、油墨、乳胶漆荧光增白剂

OPTICAL BRIGHTENERS For Paints, Inks and Latex paint



荧光增白剂 OEF

C.I.: 184

CAS NO.: 7128-64-5

外观: 类白色粉末

熔点: 196-203°C

用途: 用于溶剂型涂料, 油漆、乳胶漆、热熔胶以及印刷油墨的增白、增艳。用量少、高效环保。

Optical Brightener OEF

C.I.: 184

CAS NO.: 7128-64-5

Appearance: Off-white powder

Melting point: 196-203°C

Application: Suitable for solvent based coating, paints, hot melt adhesive and printing inks. High efficiency and environmental-friendly.

荧光增白剂OB精粉

C.I.: 184

CAS NO.: 7128-64-5

外观: 淡黄色或乳白色粉末

纯度: ≥99.0%

熔点: 196-203°C

用途: 用于聚氯乙烯, 聚苯乙烯, 聚乙烯聚丙烯, 热塑性塑料, ABS, 醋酸纤维, 涂料, 油漆以及印刷油墨的增白、增艳。

Optical brightener OB Fine Powder

C.I.: 184

CAS NO.: 7128-64-5

Appearance: Light yellow or milk white powder

Purity: 99.0%min

Melting point: 196-203°C

Usage: A good whitening agent for PVC, PS, PE, PP, ABS, thermoplastic plastics. Acetate fiber, paint, coating and printing ink etc.

荧光增白剂 UVT-1

C.I.: 338

外观: 类白色结晶粉末

色光: 蓝紫光

用途: 专用于UV紫外光固化油漆、油墨、涂料、涂层。

Optical Brightener UVT-1

C.I.: 338

Appearance: Off-white crystal powder

Color shade: Blue violet

Application: Special used for UV curable paint, ink, paint, coating.

荧光增白剂 ST-I

C.I.: 140

外观: 浅黄绿色粉末

消光系数: ≥1050

用途: 主要适用于以水为溶剂各种工艺的聚氨酯漆、油墨、涂料、涂层。增亮、增艳、增白, 环保高效。

Optical Brightener ST-I

C.I.: 140

Appearance: Light yellowish green powder

Extinction coefficient: ≥1050

Application: A good agent for various process of water based solvent polyurethane paint, ink, paint and coating. Brightening, whitening and efficient environmental-friendly.

荧光增白剂 ST-II

C.I.: 181

外观: 乳白色液体

纯度: ≥99%

用途: 主要适用于以水为溶剂各种工艺的聚氨酯漆、油墨、涂料、涂层。增亮、增艳、增白, 环保高效。

Optical Brightener ST-II

C.I.: 181

Appearance: Milk white liquid

Content: ≥99%

Application: For all kinds of water based polyurethane paint, ink, paint and coating. Brightening, whitening effect, efficient environmental friendly.

四、洗涤专用荧光增白剂

OPTICAL BRIGHTENERS For Detergent



荧光增白剂 CBS-X

Optical Brightener CBS-X

C.I.: 351

C.I.: 351

CAS NO.: 27344-41-8

CAS NO.: 27344-41-8

外观: 黄绿色结晶粉末/颗粒

Appearance: Yellowish green crystalline powder/granular

1%消光系数: 1140

1% Extinction coefficient: 1140

用途: 用于合成洗衣粉、肥皂、香皂, 印染、洗染以及人造纤维等行业, 环保高效。

Application: Suitable for synthetic detergent, soap, laundry cream and laundry detergent, dyeing and artificial fiber industries, efficient and environmental friendly.

荧光增白剂 LMS-X

Optical Brightener LMS-X

C.I.: 355

C.I.: 355

CAS NO.: 27344-41-8

CAS NO.: 27344-41-8

外观: 浅黄色结晶粉末

Appearance: Light yellowish crystal powder

最大吸收波长: 349nm

Max UV absorption wavelength: 349nm

消光系数: 1050

Extinction coefficient: 1050

用途: 用作合成洗衣粉、肥皂、洗衣膏。

Usage: Used in synthetic detergent, soap and laundry paste.

荧光增白剂 LBS-X

Optical Brightener LBS-X

CAS NO.: 27344-41-8

CAS NO.: 27344-41-8

外观: 黄绿色结晶粉末

Appearance: Yellowish green crystalline powder.

消光系数: 1040

Extinction coefficient: 1040

用途: 在水中的溶解度更大, 耐候性好, 用于合成洗衣粉、洗衣膏、洗衣液、印染、洗染以及人造纤维等行业, 更艳、更亮, 环保高效。

Application: It has high solubility in water, good weather resistance. Suitable for laundry powder, laundry cream, laundry detergent, textile printing, washing and dyeing and man-made fibres etc. Whiter and brighter on appearance, efficient and environmental-friendly.

五、中间体

Intermediate product catalogue



邻氨基苯酚

O-aminophenol

CAS NO.: 95-55-6

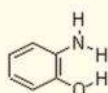
外观: 白色针状晶体

分子式: C₆H₇NO

含量: ≥99%

熔点: 172℃

用途: 染料中间体, 用于制造硫化染料、偶氮染料、毛皮染料和荧光增白剂EB等。农药工业中用于杀虫剂伏杀硫磷的原料。



CAS NO.: 95-55-6

Appearance: White acicular crystal

Molecular formula: C₆H₇NO

Content: ≥99%

Melting point: 172℃

Usage: Dye intermediates, used for the manufacture of sulfur dyes, azo dyes, fur dyes and fluorescent brightener EB. A raw material used in the pesticide industry for killing sulfur and phosphorus by insecticides.

邻氨基对甲苯酚

O-Amino-P-Methylphenol

CAS NO.: 95-84-1

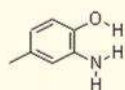
外观: 白色至灰色结晶粉末或颗粒结晶

分子式: C₇H₉NO

含量: ≥98%

熔点: 134 ~ 136℃

用途: 用作染料中间体, 也用于制取荧光增白剂



CAS NO.: 95-84-1

Appearance: White to gray crystalline powder or granular crystallization

Molecular formula: C₇H₉NO

Content: ≥98%

Melting point: 134 ~ 136℃

Usage: Used as dye intermediate, also used to make fluorescent brightener

邻氨基对叔丁基苯酚

O-Amino-P-(Tert)Butyl Phenol

CAS NO.: 1199-46-8

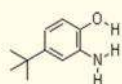
外观: 灰白色结晶粉末

分子式: C₁₀H₁₅NO

含量: ≥98.5%

熔点: 160~162℃

用途: 制造荧光增白剂、农药、染料、感光材料等的生产, 还可制荧光增白剂OB, MN, EFT, ER, ERM等产品。



CAS NO.: 1199-46-8

Appearance: Pale white crystal powder

Molecular formula: C₁₀H₁₅NO

Content: ≥98.5%

Melting point: 160 ~ 162℃

Usage: Raw material for Pesticides, dyes, photographic materials and optical brightener OB, MN, EFT, ER, ERM.

邻氨基对氯苯酚

P-chloro-o-aminophenol

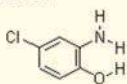
CAS.NO: 95-85-2

外观: 常温下为白色或灰白色结晶粉末

分子式: C₆H₆ClNO

熔点: 140~141°C

用途: 用作染料中间体, 用于制备酸性媒介RH、酸性络合紫5RN及活性染料等, 也可用于制备原料药氯唑沙宗。



CAS NO.: 95-85-2

Appearance: White or off-white crystalline powder at room temperature

Molecular formula: C₆H₆ClNO

Melting point: 140~141°C

Usage: As a dye intermediate, it can be used for the preparation of acidic medium RH, acid complex violet 5RN and reactive dyes, etc., and can also be used as a API for the preparation of chlorazoxazone.

邻硝基苯酚

O-nitrophenol

CAS NO.: 88-75-5

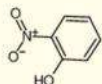
外观: 浅黄色针晶或棱晶

分子式: C₆H₅NO₃

含量: ≥99.5%

熔点: 43~45°C

用途: 用作医药、染料、橡胶助剂、感光材料等有机合成的中间体, 亦可用作单色pH值指示剂。



CAS NO.: 88-75-5

Appearance: Light yellow crystal powder

Molecular formula: C₆H₅NO₃

Content: ≥99.5%

Melting point: 43~45°C

Usage: Used as intermediates in organic synthesis of medicine, dyes, rubber additives, photosensitive materials, etc., and also as monochrome pH indicator.

邻硝基对甲苯酚

O-Nitro-P-Methylphenol

CAS NO.: 12167-20-3

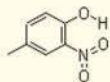
外观: 黄色结晶块状或浅棕色油状液体

分子式: C₇H₆NO₃

含量: ≥98%

凝固点: 33°C

用途: 用作染料中间体及生产涤纶增白剂中间体, 用于制取甲氧基克力西丁和乙氧基克力西丁等



CAS NO.: 12167-20-3

Appearance: Yellow crystalline block or light brown oily liquid

Molecular formula: C₇H₆NO₃

Content: ≥98%

Freezing point: 33°C

Usage: Used as dye intermediate and intermediate of polyester brightener, used for preparation of methoxycrexetine and ethoxycrexetine.

邻硝基对叔丁基苯酚

2-Nitro-4-tert-butylphenol

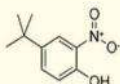
CAS NO.: 3279-07-0

外观: 黄色晶体或浅黄色透明油状体

分子式: C₁₀H₁₃NO₃

熔点: 27~29°C

用途: 经还原后, 可用于制造一系列高档荧光增白剂, 如荧光增白剂OB等



CAS NO.: 3279-07-0

Appearance: yellow crystalline solid or light yellow transparent oily matter

Molecular formula: C₁₀H₁₃NO₃

Melting point: 27~29°C

Usage: After reduction, it can be used to manufacture a series of high-grade fluorescent brightener, such as the fluorescent brightener OB

对叔丁基苯酚

P-tert-Butylphenol

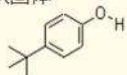
CAS.NO: 98-54-4

外观: 常温下为白色或本白色片状固体

分子式: C₁₀H₁₄O

熔点: 98℃

用途: 可用于橡胶、肥皂、氯代烃和消化纤维的稳定剂。也可用作软化剂、溶剂、染料与油漆的添加剂, 润滑油的抗氧化剂, 油田破乳剂及车用燃料的添加剂等。



CAS NO.: 98-54-4

Appearance: White or this white flake solid at room temperature

Molecular formula: C₁₀H₁₄O

Melting point: 98℃

Usage: White or raw white flakes at room temperature

对甲基苯甲酸

P-toluic acid

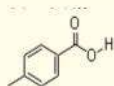
CAS NO.: 99-94-5

外观: 白色晶体

分子式: C₈H₈O₂

熔点 182℃

用途: 主要用于制造止血芳酸、对甲腈、对甲苯甲酰氯、感光材料等



CAS NO.: 99-94-5

Appearance: white crystal

Molecular formula: C₈H₈O₂

Melting point: 182℃

Usage: It is mainly used to manufacture hemostatic aromatic acid, p-methylenitrile, p-toluenyl chloride and photosensitive materials

邻甲基苯甲酸

O-Toluic acid

CAS NO.: 118-90-1

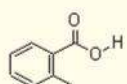
外观: 白色易燃棱晶或针晶

分子式: C₈H₇O₂

含量: ≥98%

熔点: 103~105℃

用途: 用于农药、医药及有机化工原料的合成, 目前是生产除草剂稻无草的主要原料。



CAS NO.: 118-90-1

Appearance: White flammable prism or needle crystal

Molecular formula: C₈H₇O₂

Content: ≥98%

Melting point: 103~105℃

Usage: It is used for the synthesis of pesticide, medicine and organic chemical raw materials.

1,4-萘二羧酸

1,4-naphthalene dicarboxylic acid

CAS NO.: 605-70-9

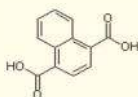
外观: 淡黄色粉末

分子式: C₁₂H₈O₄

含量: ≥98%

熔点: >300℃

用途: 用于生产荧光增白剂、热稳定性聚合物及增塑剂等中间体。



CAS NO.: 605-70-9

Appearance: Light yellow powder

Molecular formula: C₁₂H₈O₄

Content: ≥98%

Melting point: >300℃

Usage: For the production of fluorescent brightener, thermal stability polymer and plasticizer etc.

噻吩-2, 5-二羧酸

2,5-Thiophenedicarboxylic acid

CAS NO.: 4282-31-9

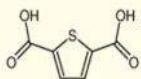
外观: 白色至淡黄色晶体粉末

分子式: C₆H₄O₄S

含量: ≥98%

熔点: >300℃

用途: 用于制备荧光增白剂主要用于合成纤维、EVA、PVC及塑料和橡胶增白方面, 可用于塑料薄膜、压模成型材料、注塑成型材料的增白等。



CAS NO.: 4282-31-9

Appearance: White to light yellow crystal powder

Molecular formula: C₆H₄O₄S

Content: ≥98%

Melting point: >300℃

Usage: A main raw material for optical brightener in plastic and rubber industry.

对苯二甲醛

1,4-Phthalaldehyde

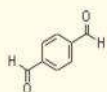
CAS NO.: 623-27-8

外观: 白色针状结晶

分子式: C₈H₆O₂

熔点: 114-116 ° C

用途: 主要用于染料、荧光增白剂、医药、香料等工业, 是有机合成和精细化工的重要原料。同时由于它有两个活泼醛基, 所以它既能自聚, 又可与别的单体共聚形成各种性能的高分子化合物, 是合成高分子材料的重要单体。



CAS NO.: 623-27-8

Appearance: White acicular crystal

Molecular formula: C₈H₆O₂

Melting point: 114-116 ° C

Usage: It is mainly used in dye, fluorescent brightener, medicine, spice and other industries. It is an important raw material for organic synthesis and fine chemical industry. And since it has two active aldehyde groups, it can self-polymerize, it can also be copolymerized with other monomers to form polymer compounds with various properties.

邻苯二甲醛

O-Phthalaldehyde

CAS NO.: 643-79-8

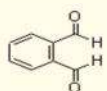
外观: 淡黄色结晶

分子式: C₈H₆O₂

含量: ≥98%

熔点: 54-57℃

用途: 作为胺类生物碱试剂, 用于荧光法测定伯胺和肽键分解物。也是医药中间体。荧光试剂, 用于柱前HPLC分离氨基酸衍生物, 流式细胞测量蛋白质的巯醇基团。



CAS NO.: 643-79-8

Appearance: Light yellow crystal

Molecular formula: C₈H₆O₂

Content: ≥98%

Melting point: 54-57℃

Usage: As an amine alkaloid reagent, it is used for the determination of primary amine and peptide bond decomposition by fluorescence method. It's also a pharmaceutical intermediate. Fluorescence reagent, used for separating amino acid derivatives by HPLC before column, flow cytometry to measure the mercaptan group of protein.

邻磺酸钠苯甲醛

2-Formylbenzenesulfonic Acid Sodium Salt

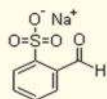
CAS NO.: 1008-72-6

外观: 灰白色结晶粉末

分子式: C₇H₅NaO₄S

含量: ≥95%

用途: 是合成荧光增白剂CBS、三苯甲烷染料和防蛀剂N的主要中间体



CAS NO.: 1008-72-6

Appearance: Pale white crystal powder

Molecular formula: C₇H₅NaO₄S

Content: ≥95%

Usage: It is the main intermediate for the synthesis of fluorescent brightener CBS, triphenylmethane dye and moth-proofing agent N

邻甲氧基苯甲醛

O-Anisaldehyde

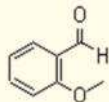
CAS NO.: 135-02-4

外观：常温下为无色棱形晶体，有类似苯酚的气味，对空气敏感。

分子式：C₈H₈O₂

熔点：34~40℃

用途：主要用为有机合成中间体，用于香料、医药等的生产。例如邻甲氧基苯甲醛可用于生产拟肾上腺素药物喘咳宁，合成荧光增白剂CBS、三苯甲烷染料和防蛀剂N的主要中间体



CAS NO.: 135-02-4

Appearance: It is colorless prismatic crystal at room temperature. It has a smell similar to phenol and is sensitive to air.

Molecular formula: C₈H₈O₂

Melting point: 34~40℃

Usage: Mainly used as organic synthesis intermediate, for the production of spices, medicine, etc. For example, it can be used to produce the epinephrine drug huankening, and to synthesize the main intermediates of fluorescent brightener CBS, triphenylmethane dye and mothproofing agent N.

邻甲基苯腈

O-Tolunitrile

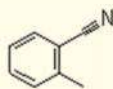
CAS.NO: 529-19-1

外观：无色透明至淡黄色液体

分子式：C₈H₇N; CH₃C₆H₄CN

熔点：-13℃

用途：医药及染料中间体。



CAS NO.: 529-19-1

Appearance: Colorless transparent to light yellow liquid

Molecular formula: C₈H₇N; CH₃C₆H₄CN

Melting point: -13℃

Usage: Pharmaceutical and dye intermediates.

对甲基苯腈

P-methylphenol

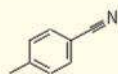
CAS NO.: 104-85-8

外观：常温下为有芳香气味的无色结晶或液体

分子式：C₈H₇N

熔点：26~28℃

用途：用作医药、染料中间体



CAS NO.: 104-85-8

Appearance: A colorless crystal or liquid with an aromatic odor at room temperature

Molecular formula: C₈H₇N

Melting point: 26~28℃

Usage: Used as medicine, dye intermediate

苯乙酰氯

Phenylacetyl Chloride

CAS NO.: 103-80-0

外观：无色至浅黄色发烟液体

含量：≥98.0%

分子式：C₈H₇ClO

用途：用作医药、农药、香料中间体。



CAS NO.: 103-80-0

Appearance: Colorless to light yellow smoky liquid

Content: ≥98%

Molecular formula: C₈H₇ClO

Usage: Used as intermediate of medicine, pesticide and perfume.

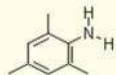
2, 4, 6三甲基苯胺

2,4,6-Trimethylaniline

CAS NO.: 88-05-1

CAS NO.: 88-05-1

外观: 浅黄色油状物



Appearance: Light yellow oil

分子式: C₉H₁₃N

Molecular formula: C₉H₁₃N

用途: 主要用于合成染料, 是弱酸艳蓝RAW的中
间体

Usage: Mainly used in the synthesis of dyes. It is intermediate for
RAW Blue.

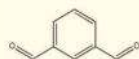
间苯二甲醛

Isophthalaldehyde

CAS NO.: 626-19-7

CAS NO.:626-19-7

外观: 类黄色针状



Appearance: yellow needle crystal

分子式: C₈H₆O₂

Molecular formula: C₈H₆O₂

熔点: 88~90℃

Melting point: 88~90℃

用途: 用作医药中间体、荧光增白剂。

Usage: Used as pharmaceutical intermediates, fluorescent whitening
agent.

对氰基氯苄

4-(Chlormethyl)tolunitrile

CAS NO.: 874-86-2

CAS NO.:874-86-2

外观: 白色针状结晶



Appearance: white needle crystal

分子式: C₈H₆ClN

Molecular formula: C₈H₆ClN

熔点: 77~79℃

Melting point: 77~79℃

用途: 用于合成二苯乙烯荧光增白剂

Usage: Used for synthesis of stilbene fluorescent brightener

联苯二氯苄

4,4'-Bis(chloromethyl)-1,1'-biphenyl

CAS NO.: 1667-10-3

CAS NO.:1667-10-3

外观: 白色固体

Appearance: White solid

分子式: C₁₄H₁₂Cl₂

Molecular formula: C₁₄H₁₂Cl₂

含量: ≥98%

Content: ≥98%

熔点: 136℃

Melting point: 136℃

用途: 用于合成荧光增白剂CBS-X, CBS-127的
中间体, 也可以被用于电子包装材料或者树脂合成
中间体。

Usage: Intermediates for the synthesis of fluorescent brighteners
CBS-X, CBS-127, and also for electronic packaging materials or
resin synthesis intermediates.

实验室检测设备图片 LAB EQUIPMENTS



注塑机
Injection machine



标准光源箱 (对色灯箱)
Standard light box (color matching light box)



电子水分测定仪
Electronic moisture meter



TGA热重分析仪
TGA analyzer



分光测色仪
USPRO Colorimeter



紫外分光光度计
Ultra violet spectrophotometer



激光粒度分析仪
Laser particle size analyzer



气相色谱仪
Gas chromatograph



熔点仪
melting point analyzer



荧光紫外老化试验箱
Fluorescent ULTRAVIOLET aging test chamber



箱式电阻炉
Chamber electric furnace



液相色谱仪
High Performance Liquid Chromatograph



荧光白度计
Fluorescent whiteness meter

资质证书 CERTIFICATES



AAA信用证书
AAA credit certificate



阿里巴巴金牌供应商
Alibaba Gold Supplier



危化品许可证
Hazardous Chemicals Licence



邻氨发明专利
Patent of OAP



ISO 9001质量体系认证



欧盟REACH 认证 OB-1



欧盟REACH认证 OB



韩国 K-REACH OB-1



韩国 K-REACH OB



俄罗斯SR注册登记
State Registration



KKDIK 土耳其预注册



运输条件鉴定书
Certification for Safe Transport of Chemical Goods

营销网络 Marketing network

国内营销网络 Domestic marketing network



国际营销网络 International marketing network





- ★ 生产工厂所在地
factory
- 商务总部、物流中心所在地
Business headquarters and logistics center

山东塑邦荧光科技有限公司

地址：山东省德州市禹城伦镇工业园工业园路西首路南6号

Add: No.6, south of industrial park road, Lunzhen industrial park, Yucheng city, Dezhou, Shandong Province

邮编/post code: 250100

手机/mobile: 13806411166

电话/tel: 0531-81901282

传真/fax: 0531-81901283

邮箱/e-mail: china@sbchem.cn

网址/web: www.sbchem.cn

