

Antioxdant TMQ(RD)

Chemical Name: 2,2,4-trimethyl-1,2-dihydroquinoline

Molecular Formula: $(C_{12}H_{15}N)_n$

Molecular Weight: $(173.26)n$

Specification:

Item	Specification	First degree
Appearance	Amber to browns flake or granular	
Softening point (Min) °C	80-100	80-100
Loss on drying (Max) %	0.30	0.50
Ash (Max) %	0.30	0.50

Properties: This product in brown piece of amber, poisonless, Soluble in benzene, chloroform, carbon disulfide and acetone, but not soluble in water. It's toxicity is light, pollution is low, fine solution with rubber. This product is combustible, when storing and transporting, always pay attention to fireproof and dampproof.

Application: The product is particular excellent kinds of general-purpose ammonia anti-ageing agent. It particular suit to full-steel, semi-steel radial ply tire and it apply to many kinds of the tires, rubber tube, gummed tape, rubber overshoes and general industrial rubber products and also suits to emulsion products.

Packaging: 25kg paper bag in lined with plastic bag. It should be stored in a cool well-ventilated area.

Storage: Keep container tightly closed in a cool, well-ventilated place. The recommended maximum storage life is 2 years when stored under normal conditions.

防老剂 RD (TMQ)

化学名称: 2,2,4-三甲基-1,2-二氢喹啉

分子式: $(C_{12}H_{15}N)_n$

分子量: $(173.26)n$

产品规格

指标名称	指标	
	优级品	一级品
外观	琥珀色至棕色片状或粒状	
软化点 °C	80-100	80-100
加热减量 % ≤	0.30	0.50
灰分 % ≤	0.30	0.50

性状: 本品为琥珀色细片，密度为 $1.05g/cm^3$ 。能溶于苯、氯仿、二硫化碳及丙酮中，不溶于水。毒性小，污染性低，与橡胶相溶性好，本品可燃，贮运时注意防火、防潮。

用途: 本品是橡胶工业中抗热氧化性能特别优秀的一类通用型胺类防老剂。特别适用全钢、半钢子午线轮胎，并广泛用于各种轮胎、胶管、胶带、胶鞋、胶布制品及其他一般工业橡胶制品。也可以于乳胶制品。

包装: 内衬塑料薄膜复合纸袋，25KG/袋。

贮存: 应贮存在阴凉干燥、通风良好的地方。包装好的产品应避免阳光直射，有效期2年。

