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W1H

Technical Data Sheet

DESCRIPTION

Coace[®] W1H is a chemical modified high density polyethylene with high content of maleic anhydride.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Density	0.95	g/cm ³	ASTM D792
Melt Flow Rate (190°C/2.16kg)	1-4	g/10min	ASTM D1238
Maleic Anhydride Content	High	wt%	COACE Method ^[1]
Color	White or light yellow	/	/

Notes^[1] LOW < 0.4wt%; Middle (0.4-0.8wt%); High (0.8-1.2wt%); Ultra high (1.2-2.0wt%).

APPLICATIONS

To be used as coupling agent for polyethylene based compounds, like LSZH cable compounds, WPC compounds, etc.

To be used as adhesion to improve the bonding strength between polyethylene and different materials in coextrusion processes, which contain polyamides, EVOH, metal, etc. It can be diluted during the usage.

STORAGE, HANDLING & SAFETY

Coace[®] W1H should be stored in dry conditions and protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

SHELF LIFE

2 years from the date of delivery, in unopened packaging.

For any other application over this limit, please contact with your COACE Chemical representative.

This fact sheet is intended as general advice.

Disclaimer: The information submitted in this publication is based on current COACE knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.