



Jiangxi Province Longhai Chemical Co., Ltd

Product Technology Datasheet

MPE-10 Maleic anhydride modified polyethylene wax Version: 01.12.2025

Product Category Maleic anhydride modified polyethylene wax

Product Feature **It has the following characteristics:**

1. MPE10 is a highly effective coupling agent for glass, wood, natural fibers and inorganic filled PE compounds to improve compatibility and dispersion
2. MPE10 can produce a structural surface with titanium dioxide to improve powder coating corner coverage
3. Improves flow performance, especially in white powder coatings
4. No PTFE additives, which can produce a matte effect in powder coatings
5. The grafting rate of 8% can improve the adhesion of the coating

Typical Application The product is recommended for powder coating and plastic modification

Usage This product can be added during any of the processing, it is uniform dispersion after the mixture.

Supplementation Ratio The recommended supplementation ratio (ratio of the gross ingredient) is 0.5-1.5%, please choose the best supplementation according to the different demands actually.

Technical Specifications	Appearance	White granules
	Melting point	110°C
	Density	0.95~0.97 (g/cm ³)
	Viscosity	1120 (mpa.s140°C)
	Acid value	40-48 (mgKOH/g)

Package and Storage The product is packed by 25kg/paper bag, please store it in a cool and dry place. The storage period of the product is up to 24 months at least, since the delivery date. After it all, the product should be inspected before usage.

Constitution and Regulation All the ingredients are complied with the regulations listed in the TSCA (USA) and the EINECS (EU), and all are safe and environmentally friendly, strictly hew to the latest **regulations**

on environmental protection in Europe. For more information, please feel free to contact us-Longhai Chemical Co., Ltd.

Information and information in this manual is only available as a technical guide to you, and you can refer to it as a technical manual, while the information is not assured and we do not provide any guarantee to it.

The above data only contain the typical technical data of the product, if you need the detailed technical data, you can request our customer service department to offer them.

This version is able to replace the previous version.

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