

Arkema Group OREVAC® 18510 Grafted Maleic Anhydride Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , Anhydride-Modified Polyethylene

Material Notes:

OREVAC 18510 is a maleic anhydride grafted polyethylene used in the manufacturing of three layer MDPE or HDPE coating for steel pipeline. It is a powder product. OREVAC 18510 is mainly used in pipe coating to have good adhesion performances between an epoxy primer and the HDPE 4206 black or LACQTENE 2006PBK35 from Total Petrochemicals. OREVAC 18510 combined with MD or HDPE and a proper epoxy fulfill the requirement of different application standards such as NFA 49-710 or DIN 30670 when applied in the rules of art. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-18510-Grafted-Maleic-Anhydride-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.944 g/cc	0.0341 lb/in³	ISO 1183
Melt Index of Compound	5.0 g/10 min @Load 2.16 kg, Temperature 190 °C	5.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ISO 608
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO R 527-2
Elongation at Break	600 %	600 %	ISO R 527-2

Thermal Properties	Metric	English	Comments
Melting Point	134 °C	273 °F	DSC
Vicat Softening Point	121 °C @Load 0.999 kg	250 °F @Load 2.20 lb	ISO 306

Processing Properties	Metric	English	Comments
Zone 1	160 - 180 °C	320 - 356 °F	
Zone 2	180 - 200 °C	356 - 392 °F	
Zone 3	200 - 220 °C	392 - 428 °F	
Zone 4	210 - 230 °C	410 - 446 °F	
Die Temperature	220 - 240 °C	428 - 464 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China