

Arkema Group OREVAC® 18732 Grafted Maleic Anhydride Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

OREVAC 18732 and 18732P are maleic anhydride grafted polypropylene used in the manufacturing of multiplayer structures. These products are available in pellets or in powder. OREVAC 18732 and 18732P are mainly used in application where mechanical and adhesive performances at high temperatures are required. These Orevac are used as tie layer in 3 layer polypropylene coatings (epoxy primer / adhesive / polypropylene) for external protection of steel pipe. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-18732-Grafted-Maleic-Anhydride-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc	0.0322 lb/in ³	ISO 1183
Particle Size	<= 125 µm	<= 125 µm	0.2
	100 - 300 µm	100 - 300 µm	0.65
	300 - 400 µm	300 - 400 µm	0.15
	>= 400 µm	>= 400 µm	0
Melt Index of Compound	6.0 - 10 g/10 min	6.0 - 10 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	6.0	6.0	ISO 608
Tensile Strength at Break	20.0 MPa	2900 psi	ISO R 527-2
Elongation at Break	500 %	500 %	ISO R 527-2

Thermal Properties	Metric	English	Comments
Melting Point	134 °C	273 °F	DSC
Vicat Softening Point	120 °C	248 °F	ISO 306
	@Load 0.999 kg	@Load 2.20 lb	

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