

Arkema Group OREVAC® 18750 Maleic Anhydride Modified Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

DescriptionOREVAC 18750 is a coextrusion coating adhesive based on a maleic anhydride modified polypropylene resin. It combines the processability of an extrusion coating resin with the thermal resistance of polypropylene. OREVAC 18750 is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefins.
ApplicationsOREVAC 18750 is a tie resin to be used in extrusion coating and extrusion lamination technologies. It has been designed to develop adhesion in these processes onto substrates like aluminum foil, paper, or PP films and in coextrusion with resins like PP and PA. OREVAC 18750 exhibits excellent processing properties, particularly regarding drawability, neck-in and melt stability. In addition to adhesive properties, the special formulation of OREVAC 18750 allows to design aluminium lids for PP or PP coated cups and containers with controlled opening forces.
Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-18750-Maleic-Anhydride-Modified-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.920 g/cc	0.0332 lb/in ³	ISO 1183
Melt Index of Compound	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	ISO R 527
Elongation at Break	500 %	500 %	ISO R 527
Tensile Modulus	0.680 GPa	98.6 ksi	ISO R 527

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	DSC
Vicat Softening Point	121 °C	250 °F	ISO 306

Processing Properties	Metric	English	Comments
Feed Temperature	275 °C	527 °F	
Adapter Temperature	275 °C	527 °F	
Die Temperature	275 °C	527 °F	

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