

Arkema Group OREVAC® 18729 Grafted Maleic Anhydride Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

OREVAC 18729 is a maleic anhydride modified PP based resin. It is available in pellet form for use in conventional extrusion and coextrusion equipment designed to process polyolefins. OREVAC 18729 is an extrusion adhesive to be used in coextrusion technologies. As adhesive, OREVAC 18729 has been designed to develop adhesion between PP and EVOH or PP and PA. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-18729-Grafted-Maleic-Anhydride-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
Melt Index of Compound	4.5 g/10 min @Load 2.16 kg, Temperature 230 °C	4.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	41.0 MPa	5950 psi	ASTM D638
Tensile Strength, Yield	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	615 %	615 %	ASTM D638
Flexural Modulus	0.750 GPa	109 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	162 °C	324 °F	DSC
Vicat Softening Point	137 °C	279 °F	ISO 306

Processing Properties	Metric	English	Comments
Feed Temperature	230 °C	446 °F	
Adapter Temperature	230 °C	446 °F	
Die Temperature	230 °C	446 °F	

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