

Arkema Group OREVAC® PPC Grafted Maleic Anhydride Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

OREVAC PPC is a grafted maleic anhydride polypropylene used in the manufacturing of multilayer oxygen barrier tube. OREVAC PPC is mainly used in multi-layer tube to have good adhesion between PP, PA and EVOH. OREVAC PPC combined with SOARNOL® from NIPPON GOSHEI provides very good oxygen barrier. These tubes are used in plumbing, sanitary, heating floor and also industrial applications. Information provided by Arkema Group

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.890 g/cc	0.0322 lb/in ³	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Melt Index of Compound	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ASTM D638
Tensile Strength, Yield	20.0 MPa	2900 psi	ISO R 527
Elongation at Break	550 %	550 %	ASTM D638
Flexural Modulus	0.580 GPa	84.1 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	151 °C	304 °F	DSC
Vicat Softening Point	122 °C	252 °F	ISO 306
	@Load 0.999 kg	@Load 2.20 lb	

Processing Properties	Metric	English	Comments
Zone 1	170 - 190 °C	338 - 374 °F	
Zone 2	180 - 200 °C	356 - 392 °F	
Zone 3	190 - 210 °C	374 - 410 °F	
Zone 4	200 - 220 °C	392 - 428 °F	
Die Temperature	220 - 240 °C	428 - 464 °F	

Processing Properties

Metric

English

Comments

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