

ExxonMobil EXXELOR™ PO 1015 Maleic anhydride functionalized polypropylene

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Elastomer, TPE , Polypropylene (PP)

Material Notes:

Product Description: Exxelor Po 1015 polymer resin is a maleic anhydride functionalized polypropylene copolymer, produced by reactive extrusion. It has been primarily designed to add polarity to polypropylene matrices and in particular improved polypropylene reactivity and amino-silane treated glass reinforcements. This grade is designed to: Function as a coupling agent between reinforcing materials such as glass fibers and inorganic fillers, and polypropylene. Achieve compatibility in polypropylene/polyamide alloys. Achieve compatibility between polyolefins and more polar polymers that are capable of interaction with maleic anhydride for alloying recycling or co-extrusion purpose. Improve polypropylene-to-metal adhesion properties. **Key Features:** Performance enhancements in glass-filled polypropylene: Outstanding unnotched Izod and Charpy impact performance Excellent notched Izod and Charpy impact resistance Improved tensile and flexural strength **Availability:** Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America **Information provided by ExxonMobil Chemical**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-EXXELOR-PO-1015-Maleic-anhydride-functionalized-polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	DIN 53479
Melt Flow	22 g/10 min	22 g/10 min	ASTM D1238
	@Load 1.20 kg, Temperature 190 °C	@Load 2.65 lb, Temperature 374 °F	
	150 g/10 min	150 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
Collected Volatile Condensable Material	<= 0.20 %	<= 0.20 %	AM-S 350.03

Thermal Properties	Metric	English	Comments
Melting Point	138 °C	280 °F	Peak; DSC

Optical Properties	Metric	English	Comments
Yellow Index	<= 20 %	<= 20 %	ASTM E313-96

Descriptive Properties	Value	Comments
Maleic anhydride graft level	medium	

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