

ExxonMobil EXACT™ 8230 Plastomer for Polymer Modification

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Product Description: Exact 8230 plastomer is an ethylene octene copolymer produced using ExxonMobil Chemical's EXXPOL™ Technology, exhibiting both plastic and elastomeric properties. It is designed for modification of both polypropylenes and polyethylenes in applications such as injection molding and profile extrusion.

Key Features: General purpose modifier for high-flow applications. Excellent toughness. High filler and oil acceptance. High clarity. Offered as free-flowing pellets.

Availability: Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America

Additive: Thermal Stabilizer This polymer complies with FDA regulation 21 CFR 177.1520 (Olefin polymers), paragraph (c) 3.2c, and may be used as articles or components of articles intended for use in contact with food, except for articles used for packing or holding food during cooking. Finished articles may contact food only under Conditions of Use C through H described in Table 2 of 21 CFR 176.170(c). Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-EXACT-8230-Plastomer-for-Polymer-Modification.php

Physical Properties	Metric	English	Comments
Density	0.882 g/cc	0.0319 lb/in ³	ISO 1183
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 190 °C	30 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	ISO 868

Thermal Properties	Metric	English	Comments
Melting Point	169 °C	336 °F	ISO 11357-3
Vicat Softening Point	42.8 °C	109 °F	at 1000g; ISO 306/A
Brittleness Temperature	<= -103 °C	<= -153 °F	ASTM D746

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