

ExxonMobil EXACT™ 0210 Ethylene-based Plastomer for Multilayer Film Applications

Category : Polymer , Film , Thermoplastic , Elastomer , TPE

Material Notes:

Exact 0210 plastomer is an ethylene octene copolymer produced using ExxonMobil Chemical's EXXPOL™ Technology. It is designed for seal layers in multilayer film applications requiring good flow/caulking and low SIT. Key Features: Low temperature heat seal performance including low seal initiation temperature and good caulking/flow. Superior toughness and tear strength. High clarity and low fogging tendency. High filler and oil acceptance. Low hexane extractables. 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-0210-Ethylene-based-Plastomer-for-Multilayer-Film-Applications.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ISO 1183
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 190 °C	10 g/10 min @Load 4.76 lb, Temperature 374 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38	38	ISO 868

Thermal Properties	Metric	English	Comments
Melting Point	97.2 °C	207 °F	Peak Melting Temperature; ISO 11357-3
Vicat Softening Point	75.0 °C	167 °F	ISO 306/A
Brittleness Temperature	<= -76.1 °C	<= -105 °F	ASTM D746

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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