

ExxonMobil EXXCO™ Exxco 012 w/40% LDPE Enhanced Performance Extrusion Coating Resin

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Exxco 012 PE resin is a hexene copolymer produced using ExxonMobil Chemicals Exxpol® Technology. It offers outstanding adhesion to many substrates, along with excellent hot tack and heat seal strengths. It can be used as a minority or majority component with LDPE to improve toughness and heat sealing performance. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-EXXCO-Exxco-012-w40-LDPE-Enhanced-Performance-Extrusion-Coating-Resin.php

| Physical Properties | Metric | English | Comments |
|---------------------|-------------|---------------------------|---|
| Density | 0.912 g/cc | 0.0329 lb/in ³ | ExxonMobil Method |
| Melt Flow | 12 g/10 min | 12 g/10 min | ExxonMobil Method |
| Neck In | 4.30 cm | 1.69 in | at 100 m/min, 35rpm, 295°C; ExxonMobil Method |
| Drawdown | 2.41 m/s | 475 ft/min | at 35 rpm, 295°C; ExxonMobil Method |
| | 3.58 m/s | 705 ft/min | at 65 rpm, 295°C; ExxonMobil Method |

| Thermal Properties | Metric | English | Comments |
|-----------------------|---------|---------|---|
| Melting Point | 110 °C | 230 °F | Peak Melting Temperature; ExxonMobil Method |
| Vicat Softening Point | 91.1 °C | 196 °F | ASTM D1525 |

| Descriptive Properties | Value | Comments |
|------------------------|--------------------|----------|
| Features | Thermal Stabilizer | |

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