

ExxonMobil LDPE LD 200.48 Low Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Product Description: LD 200.48 is a general purpose LDPE extrusion coating grade, designed for flexible packaging applications. It offers – Low neck-in – Very good adhesion – Excellent heat sealability (ie high seal speeds and/or low heat seal temperatures mostly required in high speed form-fill-and-seal applications. Availability: Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: YesApplications: Coextrusion CoatingExtrusion CoatingExtrusion LaminationFood packagingLow Neck In, Low Line Speed CoatingsPhotographic PaperInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-20048-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in ³	ExxonMobil method
Melt Flow	7.5 g/10 min	7.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
Neck In	3.30 cm	1.30 in	328 ft/min, Constant output at 35 rpm; ExxonMobil Method
	3.56 cm	1.40 in	164 ft/min, Constant output at 35 rpm; ExxonMobil Method
Drawdown	1.83 m/s	360 ft/min	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 219 °C	<= 426 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	85.0 °C	185 °F	ASTM D1525

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