

ExxonMobil LDPE LD 252 Low Density Polyethylene Resin (European Grade)

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

Material Notes:

Product Description: LD 525 is a high purity LDPE extrusion coating grade, designed to meet environmental needs for reduced fume emissions during plastics conversion. This grade offers:Low volatiles level, resulting in reduced fume emissions during extrusion at high temperatures (up to 20% reduction versus standard LDPE)Excellent neck-in/draw down balance, resulting in low edge trim ie less waste.Outstanding barrier characteristics especially for water vapor, e.g. for applications in portion packaging (sugar, salt...)Good organoleptic properties, i.e. low off-taste and odor.Availability: Africa & Middle East and Europe Additive: Antiblock: NoSlip: No Thermal Stabilizer: NoApplications: Coextrusion CoatingExtrusion CoatingExtrusion LaminationFood packagingIndustrial PackagingLiquid PackagingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-252-Low-Density-Polyethylene-Resin-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in ³	ExxonMobil method
Melt Flow	3.8 g/10 min @Load 2.16 kg, Temperature 190 °C	3.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	4.06 cm @Temperature 315 °C	1.60 in @Temperature 599 °F	492 ft/min, Constant output at 35 rpm; ExxonMobil Method
	4.32 cm @Temperature 315 °C	1.70 in @Temperature 599 °F	328 ft/min, Constant output at 35 rpm; ExxonMobil Method
Drawdown	4.50 m/s @Temperature 315 °C	886 ft/min @Temperature 599 °F	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 228 °C	<= 442 °F	Peak Melting Point; ExxonMobil method

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