

ExxonMobil LDPE LD 251 Low Density Polyethylene Resin (European Grade)

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

Material Notes:

Product Description: LD 251 is an LDPE extrusion coating grade, offering:low neck-in excellent heat sealability (ie high seal speeds and/or seal temperatures mostly required in high speed form-fill and seal applications)good organoleptic properties (Low odor and off-taste)**Availability:** Africa & Middle East and Europe **Additive:** Antiblock: NoSlip: NoThermal Stabilizer: No**Applications:** Co-Extrusion CoatingDemanding Heat SealsExtrusion CoatingExtrusion LaminationFood packagingLiquid PackagingNon-woven CoatingPhotographic Paper

Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-251-Low-Density-Polyethylene-Resin-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.916 g/cc	0.0331 lb/in ³	ExxonMobil method
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	3.81 cm @Temperature 315 °C	1.50 in @Temperature 599 °F	328 ft/min, Constant output at 35 rpm; ExxonMobil Method
	4.06 cm @Temperature 315 °C	1.60 in @Temperature 599 °F	164 ft/min, Constant output at 35 rpm; ExxonMobil Method
Drawdown	4.00 m/s @Temperature 315 °C	787 ft/min @Temperature 599 °F	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 221 °C	<= 430 °F	Peak Melting Point; ExxonMobil method

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