

ExxonMobil™ LDPE LD 252

Low Density Polyethylene Resin

Product Description

LD 252 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 i.e. 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.

General

Availability ¹	▪ Africa & Middle East	▪ Europe	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Coextrusion Coating	▪ Extrusion Lamination	▪ Industrial Packaging
	▪ Extrusion Coating	▪ Food packaging	▪ Liquid Packaging
Revision Date	▪ 05/01/2014		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.923 g/cm ³	0.923 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	3.8 g/10 min	3.8 g/10 min	ASTM D1238
Peak Melting Temperature	228 °F	109 °C	ExxonMobil Method

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down			ExxonMobil Method
Constant output at 35 rpm, 599°F (315°C)	270 m/min	270 m/min	
Neck-in			ExxonMobil Method
328 ft/min (100 m/min), Constant output at 35 rpm, 599°F (315°C)	1.7 in	4.2 cm	
492 ft/min (150 m/min), Constant output at 35 rpm, 599°F (315°C)	1.6 in	4.1 cm	

Legal Statement

This product is not intended for use in medical applications and should not be used in any such applications.

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

Processing Statement

Typical values obtained on a pilot co-extrusion line at ExxonMobil Chemical Europe Technical Center at an air gap of 170 mm (6.7 in).

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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