Product Datasheet

ExxonMobil Signature Polymers

ExxonMobil™ LD 7515.BA

Low Density Polyethylene

Product Description

ExxonMobil™ LD 7515.BA is a general purpose LDPE extrusion coating grade, designed for flexible packaging applications. It offers - Low neck-in - Very good adhesion - Excellent heat sealabiltiy (i.e. high seal speeds and /or low heat seal temperatures mostly required in high speed form-fill-and-seal applications)

General

Availability [1]	▪ Latin America	▪ North America	
Additive	▪ LD 7515.BA: Antiblock: No; Slip: No; Thermal Stabilizer: No		
Applications	▪ Coextrusion Coating ▪ Extrusion Coating	▪ Extrusion Lamination ▪ Food Packaging	▪ Low Neck In, Low Line Speed Coatings ▪ Photographic Paper
Form(s)	▪ Pellets		
Revision Date	▪ 03/01/2010		

Resin Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Density	0.915	g/cm³	0.915	g/cm³	ASTM D1505
Melt Index (190°C/2.16 kg)	7.5	g/10 min	7.5	g/10 min	ASTM D1238
Peak Melting Temperature	219	°F	104	°C	ExxonMobil Method

Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	185	°F	85	°C	ASTM D1525

Coating Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Draw Down (Constant output at 35 rpm)	110	m/min	110	m/min	ExxonMobil Method
Neck-in					ExxonMobil Method
164 ft/min (50 m/min), Constant output at 35 rpm	1.4	in	3.6	cm	
328 ft/min (100 m/min), Constant output at 35 rpm	1.3	in	3.3	cm	

Legal Statement

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

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

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.

Manufacturer website: https://www.exxonmobilchemical.com/en/products/polyethylene

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For additional technical, sales and order assistance: Contact Us

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