Product Datasheet

ExxonMobil Signature Polymers

ExxonMobil™ LD 12015.BA

Low Density Polyethylene

Product Description

ExxonMobil™ LD 12015.BA is an LDPE extrusion coating grade especially designed for coating on non-woven substrates. Its high melt-index combined with low density gives this grade the right balance between adhesion onto non-wovens, flexibility after coating and acts as a barrier for fluids and gases. ExxonMobil™ LD 12015.BA can also be used as a general extrusion and co-extrusion coating grade that requires easy processability, good neck-in/draw down balance and excellent heat sealability.

General

Availability [1]	▪ Africa & Middle East	▪ Europe	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Coextrusion Coating ▪ Demanding Heat Seals ▪ Document Plastification ▪ Extrusion Coating	▪ Extrusion Lamination ▪ Food Packaging ▪ High Speed, Thin Weight Coatings ▪ Industrial Packaging	▪ Non-Woven Coating ▪ Photographic Paper ▪ Thermal Lamination
Revision Date	▪ 04/01/2018		

Resin Properties	Typical Value (English)		Typical Value (SI)		Test Based On
Density	0.915	g/cm³	0.915	g/cm³	ASTM D1505
Melt Index [2] (190°C/2.16 kg)	12	g/10 min	12	g/10 min	ASTM D1238
Peak Melting Temperature	217	°F	103	°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)	420	m/min	420	m/min	
Neck-in					ExxonMobil Method
328 ft/min (100 m/min), Constant output at 35 rpm, 599°F (315°C)	1.8	in	4.6	cm	
656 ft/min (200 m/min), Constant output at 35 rpm, 599°F (315°C)	1.7	in	4.4	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.

[2] Value reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions, based on ASTM D 1238.

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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