ExxonMobil™ LDPE LD 600BA

Low Density Polyethylene Resin

Product Description

LD 600BA is a high flow LDPE grade, characterized by high stiffness and good toughness. It's easy processable.

General

Availability [1]	• Africa & Middle East	• Europe	
Additive	• Antiblock: No	• Slip: No	• Thermal Stabilizer: No
Applications	• Caps • Closures • Compounding • Food Packaging Containers	• Houseware Articles • Injection Molding • Masterbatch Base Resin • Technical Parts	• Toys • Viscosity Modifier
Revision Date	• March 2013		

Resin Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Density	0.924	g/cm³	0.924	g/cm³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	21	g/10 min	21	g/10 min	ASTM D1238
Peak Melting Temperature	230	°F	110	°C	ExxonMobil Method

Thermal	Typical Value	(English)	Typical Value	(SI)	Test Based On
Vicat Softening Temperature	194	°F	90	°C	ISO 306

Molded Properties	Typical Value	(English)	Typical Value	(SI)	Test Based On
Tensile Modulus	25000	psi	170	MPa	ISO 527-2/1A/1
Tensile Stress at Break	1400	psi	9.4	MPa	ISO 527-2/1A/50
Tensile Strain at Break	> 100	%	> 100	%	ISO 527-2/1A/50
Shore Hardness (Shore D)	46		46		ISO 868

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

The molded properties have been measured on 4 mm (157.5 mil) thick injection molded specimen, based on ISO 1872-2.

Notes

[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.

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

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ExxonMobil Chemical ExxonMobil™ LDPE LD 600BA
Low Density Polyethylene Resin

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