

# ExxonMobil™ LDPE LD 605BA

## Low Density Polyethylene Resin

### Product Description

LD 605BA is a general purpose LDPE grade, characterized by good stiffness and good toughness. It's easy processable.

### General

Availability <sup>1</sup>	▪ Africa & Middle East	▪ Europe	
Additive	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: No
Applications	▪ Compounding ▪ Food packaging	▪ Houseware Articles ▪ Injection Molding	▪ Masterbatch Base Resin ▪ Rigid Medium Sized Molding
Revision Date	▪ 03/01/2014		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.924 g/cm <sup>3</sup>	0.924 g/cm <sup>3</sup>	ExxonMobil Method
Melt Index (190°C/2.16 kg)	6.5 g/10 min	6.5 g/10 min	ASTM D1238
Peak Melting Temperature	226 °F	108 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	190 °F	88 °C	ISO 306

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus	22000 psi	150 MPa	ISO 527-2/1A/1
Tensile Stress (100% Strain)	1410 psi	9.7 MPa	ISO 527-2/1A/50
Tensile Strain at Break	> 100 %	> 100 %	ISO 527-2/1A/50
Shore Hardness (Shore D, 15 sec)	45	45	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

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

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

For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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