

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

Additive	• Antiblock: No	• Slip: No	• Thermal Stabilizer: No
Applications	• Compounding • Food packaging	• Houseware Articles • Injection Molding	• Masterbatch Base Resin • Rigid Medium Sized Molding

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.924 g/cm ³	0.924 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	6.5 g/10 min	6.5 g/10 min	ASTM D1238
Peak Melting Temperature	232 °F	111 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	199 °F	93.0 °C	ISO 306

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus	31900 psi	220 MPa	ISO 527-2/1A/1
Tensile Stress at Break	1450 psi	10.0 MPa	ISO 527-2/1A/50
Tensile Strain at Break	120 %	120 %	ISO 527-2/1A/50
Shore Hardness (Shore D, 15 sec)	46	46	ISO 868

