

ExxonMobil™ LDPE

LD 653

Product Description

LD 653 is an easy flowing LDPE grade with medium stiffness and good toughness.

General

Additive • Antiblock: No • Heat Stabilizer: No • Slip: No

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Index ²	22	22	ExxonMobil Method
Density	0.924 g/cm ³	0.924 g/cm ³	ExxonMobil Method
Peak Melting Temperature	228 °F	109 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	196 °F	91.0 °C	ISO 306

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus	29000 psi	200 MPa	ISO 527-1, -2/1
Tensile Stress (Break)	1310 psi	9.00 MPa	ISO 527-1, -2/50
Tensile Strain (Break)	120 %	120 %	ISO 527-1, -2/50
Shore Hardness (Shore A)	44	44	ISO 868

Additional Properties

Applications
 -tough medium sized moldings
 -caps
 -bottle closures
 - Toys
 -houseware

