

Technical Data Sheet

Network Polymers Lldpe 11 2024 G

Linear Low Density Polyethylene

LyondellBasell Industries

Engineering Plastics

General

Forms

• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.924 g/cm ³	0.924 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	2000 psi	13.8 MPa	ASTM D638
Tensile Elongation (Break)	300 %	300 %	ASTM D638
Flexural Modulus - 1% Secant ¹			ASTM D790B
73°F (23°C), 0.125 In (3.18 Mm), Injection Molded	45000 psi	310 MPa	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore D)	58	58	ASTM D2240
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	-105 °F	-76.1 °C	ASTM D746

Notes

¹ Method I (3 point load), 2.0 in/min (51 mm/min)

Notes

These are typical property values not to be construed as specification limits.