

Technical Data Sheet

## Network Polymers Ldpe 10 2523

Low Density Polyethylene  
 LyondellBasell Industries  
 Engineering Plastics

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.923 g/cm <sup>3</sup>	0.923 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) <sup>1</sup> (190°C/2.16 Kg)	24 g/10 min	24 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Break)	1600 psi	11.0 MPa	ASTM D638
Tensile Elongation (Break)	150 %	150 %	ASTM D638
Flexural Modulus <sup>2</sup>	44000 psi	303 MPa	ASTM D790B
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Brittleness Temperature	< -31.0 °F	< -35.0 °C	ASTM D746

**Notes**

<sup>1</sup> Procedure A

<sup>2</sup> Method I (3 point load), 0.050 in/min (1.3 mm/min)

**Notes**

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