

Technical Data Sheet

# Network Polymers Hdpe 50 5502

High Density Polyethylene  
 LyondellBasell Industries  
 Engineering Plastics

**General**

- |          |                |
|----------|----------------|
| Features | • High Density |
| Forms    | • Pellets      |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.952 g/cm <sup>3</sup>	0.952 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) <sup>1</sup> (190°C/2.16 Kg)	0.30 g/10 min	0.30 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>2</sup> (Break)	3600 psi	24.8 MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus <sup>3</sup>	155000 psi	1070 MPa	ASTM D790B

- Notes**
- <sup>1</sup> Procedure A
  - <sup>2</sup> 2.0 in/min (51 mm/min)
  - <sup>3</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.