

Technical Data Sheet

Network Polymers Pp PPB 25 1316

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	12 g/10 min	12 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3300 psi	22.8 MPa	ASTM D638
Tensile Elongation ¹ (Yield)	7.0 %	7.0 %	ASTM D638
Flexural Modulus - 1% Secant ²	160000 psi	1100 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
-22°F (-30°C), 0.125 In (3.18 Mm)	2.1 ft-lb/in	110 J/m	
73°F (23°C), 0.125 In (3.18 Mm)	11 ft-lb/in	590 J/m	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	92	92	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	207 °F	97.2 °C	
264 Psi (1.8 Mpa), Unannealed	124 °F	51.1 °C	

Notes

¹ 2.0 in/min (51 mm/min)

² 1.3 in/min (33 mm/min)

Notes

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