

Technical Data Sheet

Network Polymers Pp PPB 25 2002

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) ¹ (230°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 ² (Yield)	3500 psi	24.1 MPa	ASTM D638
Tensile Elongation ² (Yield)	7.0 %	7.0 %	ASTM D638
Flexural Modulus - 1% Secant	155000 psi	1070 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	2.80 ft-lb/in	149 J/m	ASTM D256
Notched Izod Impact (0.125 In (3.18 Mm))	2.2 ft-lb/in	120 J/m	ASTM D256A
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	105	105	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	192 °F	88.9 °C	ASTM D648

Notes

¹ Procedure A

² 2.0 in/min (51 mm/min)

Notes

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