

Technical Data Sheet

**Network Polymers Pp PPB 25 3502**

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Material Status	• Commercial: Active
Availability	• North America

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)	35 g/10 min	35 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	3400 psi	23.4 MPa	ASTM D638
Flexural Modulus - 1% Secant ³	165000 psi	1140 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256A
-22°F (-30°C), 0.125 in (3.18 mm)	1.2 ft·lb/in	64 J/m	
0°F (-18°C), 0.125 in (3.18 mm)	1.5 ft·lb/in	80 J/m	
73°F (23°C), 0.125 in (3.18 mm)	2.6 ft·lb/in	140 J/m	
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	126 °F	52.2 °C	

Notes

¹ Procedure A

² 2.0 in/min (50 mm/min)

³ 0.051 in/min (1.3 mm/min)

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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