

Technical Data Sheet

# Network Polymers Pp PPB 25 3502

Polypropylene Copolymer  
LyondellBasell Industries  
Engineering Plastics

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (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 <sup>2</sup> (Yield)	3400 psi	23.4 MPa	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	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**

<sup>1</sup> Procedure A

<sup>2</sup> 2.0 in/min (50 mm/min)

<sup>3</sup> 0.051 in/min (1.3 mm/min)

**Notes**

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