

Technical Data Sheet

Network Polymers Pp PPB 25 1503 GF10

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Filler / Reinforcement • Glass Fiber, 10% Filler by Weight

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.947	0.945 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 Kg)	14 g/10 min	14 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	4800 psi	33.1 MPa	ASTM D638
Tensile Elongation ² (Yield)	8.7 %	8.7 %	ASTM D638
Flexural Modulus ³	245000 psi	1690 MPa	ASTM D790B
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	2.9 ft·lb/in	150 J/m	ASTM D256A
Gardner Impact (-4°F (-20°C))	17.0 in·lb	1.92 J	ASTM D3029
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed, 0.125 In (3.18 Mm)	295 °F	146 °C	
264 Psi (1.8 Mpa), Unannealed, 0.125 In (3.18 Mm)	196 °F	91.1 °C	

Notes

¹ Procedure A

² 2.0 in/min (51 mm/min)

³ Method I (3 point load)

Notes

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