

Technical Data Sheet

Network Polymers Pp PPB 25 2010

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Agency Ratings • FDA 21 CFR 177.1520

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)	3600 psi	24.8 MPa	ASTM D638
Tensile Elongation ² (Yield)	6.0 %	6.0 %	ASTM D638
Flexural Modulus ³	140000 psi	965 MPa	ASTM D790B
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	10 ft·lb/in	530 J/m	ASTM D256A
Gardner Impact (0°F (-18°C))	> 240 in·lb	> 27.1 J	ASTM D3029
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	98	98	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	190 °F	87.8 °C	ASTM D648

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.