

Technical Data Sheet

Network Polymers Pp PPB 25 1010

Polypropylene Copolymer

LyondellBasell Industries

Engineering Plastics

General			
Features	• Copolymer		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.905	0.903 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	2600 psi	17.9 MPa	ASTM D638
Tensile Elongation ¹ (Yield)	20 %	20 %	ASTM D638
Flexural Modulus	112000 psi	772 MPa	ASTM D790
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))	235 in·lb	26.6 J	ASTM D3029
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	65	65	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	185 °F	85.0 °C	ASTM D648

Notes

¹ 2.0 in/min (51 mm/min)

Notes

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