

Technical Data Sheet

Network Polymers Pp PPB 25 0202

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General

Features	• High Clarity	• Random Copolymer
Agency Ratings	• FDA 21 CFR 177.1520	
Appearance	• Clear/Transparent	
Forms	• Pellets	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength	3900 psi	26.9 MPa	ASTM D638
Tensile Elongation (Yield)	11 %	11 %	ASTM D638
Flexural Modulus - 1% Secant ¹	135000 psi	931 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.2 ft·lb/in	64 J/m	ASTM D256
Unnotched Izod Impact (0°F (-18°C))	4.0 ft·lb/in	210 J/m	ASTM D4812
Gardner Impact (73°F (23°C))	200 in·lb	22.6 J	ASTM D3029
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	80	80	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	176 °F	80.0 °C	ASTM D648

Notes

¹ 0.050 in/min (1.3 mm/min)

Notes

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