

Technical Data Sheet

Network Polymers Pp PPR 20 1201 CAS

Polypropylene Random Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Additive	• Antistatic	• Clarifier	• Nucleating Agent
Features	• Antistatic • Fast Molding Cycle	• Good Toughness • Low Warpage	• Nucleated
Uses	• Thin-walled Parts		
Agency Ratings	• FDA 21 CFR 177.1520		
Processing Method	• Injection Molding		

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)	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	3800 psi	26.2 MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0 %	9.0 %	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))	1.2 ft·lb/in	64 J/m	ASTM D256A

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 Procedure A

² 2.0 in/min (51 mm/min)

³ Method I (3 point load), 0.050 in/min (1.3 mm/min)

Notes

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