

# Network Polymers PP PPR 20 3401 CAS

Polypropylene Random Copolymer

Network Polymers, Inc.

Message:

Network Polymers PP PPR 20 3401 CAS is a Polypropylene Random Copolymer (PP Random Copolymer) product. It can be processed by injection molding and is available in North America. Applications of Network Polymers PP PPR 20 3401 CAS include engineering/industrial parts and food contact applications.

Characteristics include:

- Antistatic
- Clarified
- Fast Molding Cycle
- Food Contact Acceptable
- Good Toughness

General Information			
Additive	Antistatic		
	Clarifier		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Toughness		
	Low Warpage		
	Nucleated		
Uses	Thin-walled Parts		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (230°C/2.16 kg)	34	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	24.8	MPa	ASTM D638
Tensile Elongation <sup>3</sup> (Yield)	11	%	ASTM D638
Flexural Modulus <sup>4</sup>	862	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	80	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
NOTE			

1.	Procedure A
2.	51 mm/min
3.	51 mm/min
4.	Method I (3 point load), 1.3 mm/min

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#### Recommended distributors for this material

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