

## Diamond Polymers NPP20-1201CAS Random Copolymer Polypropylene (Clarified, with Antistat)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diamond-Polymers-NPP20-1201CAS-Random-Copolymer-Polypropylene-Clarified-with-Antistat.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP20-1201CAS-Random-Copolymer-Polypropylene-Clarified-with-Antistat.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	chs 2.0 in/min; tangent; ASTM D638
Elongation at Yield	9.0 %	9.0 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	0.965 GPa	140 ksi	chs 0.05 in/min; tangent; ASTM D790
Izod Impact, Notched	0.640 J/cm @Thickness 3.17 mm	1.20 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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