

Ineos N20G-00 Polypropylene Impact Copolymer

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

Material Notes:

Grade N20G-00 is a high melt flow rate "super-high" impact copolymer polypropylene for injection molding applications. It offers very high impact resistance and good stiffness. This material meets the requirements of the U.S Food and Drug Administration as specified in 21 CFR 177.1520. Applications Toys Consumer products Housewares Automotive Compounding Benefits High melt flow rate Good stiffness Very high impact resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-N20G-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	50	50	ASTM D785
Tensile Strength, Yield	22.1 MPa	3200 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	0.862 GPa	125 ksi	ASTM D790B
Izod Impact, Notched	NB	NB	bar; ASTM D256
	@Diameter 3.17 mm	@Diameter 0.125 in	
	0.641 J/cm	1.20 ft-lb/in	bar; ASTM D256
	@Diameter 3.00 mm, Temperature -20.0 Â°C	@Diameter 0.118 in, Temperature -4.00 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.7 Â°C	170 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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