

Ineos N02G-00 Polypropylene Impact Copolymer

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

Material Notes:

Grade N02G-00 is a low melt flow rate, high-impact copolymer polypropylene for sheet extrusion and thick wall injection molding applications. It offers a superior balance of stiffness and impact strength as compared to competitive impact copolymers of similar melt flow rate. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Appliances Automotive Compounding Consumer products Housewares Rigid packaging Benefits Enhanced impact Enhanced stiffness

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-N02G-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.5 g/10 min @Load 2.16 kg, Temperature 230 Å°C	2.5 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	26.2 MPa	3800 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.34 GPa	195 ksi	ASTM D790B
Izod Impact, Notched	NB @Diameter 3.17 mm	NB @Diameter 0.125 in	bar; ASTM D256
	0.747 J/cm @Diameter 3.00 mm, Temperature -20.0 Å°C	1.40 ft-lb/in @Diameter 0.118 in, Temperature -4.00 Å°F	bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 Å°C	200 Å°F	ASTM D648

Descriptive Properties	Value	Comments
Process	Extrusion	
	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution

Descriptive Properties

US & Canada
Value

Bamberger Polymers Distribution
Comments

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