

Ineos N02J-00 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

This 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 for thermoformed articles where freezer to microwave performance is required. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR

177.1520.ApplicationsAppliancesCompoundingConsumer productsHousewaresRigid packagingBenefitsEnhanced room temperature and low temperature impactEnhanced stiffnessInformation provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-N02J-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	1.9 g/10 min	1.9 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	77	77	ASTM D785
Tensile Strength, Yield	29.04 MPa	4212 psi	ASTM D638
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.62 GPa	235 ksi	D790B
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Izod Impact, Notched	0.897 J/cm	1.68 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	NB	NB	1/8" notched bar; ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	116 Â°C	240 Â°F	ASTM D648

Descriptive Properties	Value	Comments
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Process

Descriptive Properties	Injection Molding	Comments
	Value	
	Sheet Extrusion	
	Thermoforming	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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