

Ineos L12N-00 Polypropylene Impact Copolymer

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

Material Notes:

This is a medium melt flow rate, nucleated impact copolymer polypropylene for injection molding and compounding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR

177.1520.ApplicationsAutomotiveConsumer productsHousewaresCompoundingBenefitsHigh impact resistanceHigh flexural modulusExcellent glossInformation provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-L12N-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Å°C	@Load 4.76 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	24.1 MPa	3500 psi	ASTM D638
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	D790B
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	
	1.17 J/cm	2.20 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 Å°C	220 Å°F	ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	

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

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