

Ineos L12Z-00 Polypropylene Impact Copolymer

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

Material Notes:

Grade L12Z-00 is a medium melt flow rate, high stiffness and high impact polypropylene copolymer. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Consumer products Housewares Office furniture Toys and juvenile products Benefits High stiffness High impact Fast cycle time Low statics

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-L12Z-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	88	88	ASTM D785
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790B
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	bar; ASTM D256
	@Diameter 3.17 mm	@Diameter 0.125 in	
	0.320 J/cm	0.600 ft-lb/in	bar; ASTM D256
	@Diameter 0.125 mm, Temperature -20.0 Å°C	@Diameter 0.00492 in, Temperature -4.00 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	107 Å°C	225 Å°F	ASTM D648

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

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