

Ineos L12Z-01 Polypropylene Impact Copolymer

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

Material Notes:

Grade L12Z-01 is a nucleated and antistatic polypropylene copolymer with a medium melt flow rate that provides an excellent balance of stiffness and impact. It is especially formulated to help provide superior gloss for end-use applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.ApplicationsConsumer products Housewares ToysBenefitsMedium impact resistance Excellent balance of stiffness and impact Superior gloss Fast cycling

Order this product through the following link:
http://www.lookpolymers.com/polymer_ineos-L12Z-01-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 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.28 GPa	185 ksi	ASTM D790B
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	bar; ASTM D256
	@Diameter 3.17 mm	@Diameter 0.125 in	
	0.427 J/cm	0.800 ft-lb/in	bar; ASTM D256
	@Diameter 0.125 mm, Temperature -20.0 Â°C	@Diameter 0.00492 in, Temperature -4.00 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 Â°C	220 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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