

Ineos L24G-00 Polypropylene Impact Copolymer

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

Material Notes:

Grade L24G-00 is a high melt flow rate, antistatic high impact copolymer polypropylene for injection molding applications. It offers excellent impact resistance and a high flexural modulus. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Consumer products Housewares Automotive Benefits High impact resistance High flexural modulus

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-L24G-00-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	24 g/10 min @Load 2.16 kg, Temperature 230 Å°C	24 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	24.8 MPa	3600 psi	ASTM D638
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790B
Izod Impact, Notched	1.60 J/cm @Diameter 3.17 mm	3.00 ft-lb/in @Diameter 0.125 in	bar; ASTM D256
	0.481 J/cm @Diameter 3.00 mm, Temperature -20.0 Å°C	0.900 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)	87.8 Å°C	190 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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