

Ineos 3950 Polypropylene Impact Copolymer

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

Material Notes:

Grade 3950 typically has a 35 melt flow rate and is a low gloss, 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 Automotive interior trim Benefits Low gloss High impact resistance

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-3950-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	ASTM D955
Melt Flow	35 g/10 min	35 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	79	79	ASTM D785
Tensile Strength, Yield	24.1 MPa	3500 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Modulus	1.31 GPa	190 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	
	0.481 J/cm	0.900 ft-lb/in	bar; ASTM D256
	@Diameter 3.00 mm, Temperature -20.0 Â°C	@Diameter 0.118 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
Flame Spread	27.5 mm/min	1.08 in/min	FMVSS 302

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

Descriptive Properties	Value	Comments
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