

Ineos H38G-02 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade , Polypropylene, Molded

Material Notes:

This is a polypropylene homopolymer for general purpose injection molding and high speed spinning applications. It is useful for spun bonded nonwovens and partially oriented yarn (POY). This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Fiber and tape General purpose injection molding Nonwoven fabrics Partially oriented yarn Staple fiber Benefits Excellent gas fade resistance Excellent processability High line speeds Narrow molecular weight distribution Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H38G-02-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	38 g/10 min @Load 2.16 kg, Temperature 230 Â°C	38 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.75 MPa @Temperature 23.0 Â°C	5475 psi @Temperature 73.4 Â°F	ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Elongation at Yield	8.9 %	8.9 %	ASTM D638
Flexural Modulus	1.58 GPa @Temperature 23.0 Â°C	229 ksi @Temperature 73.4 Â°F	ASTM D790A
Izod Impact, Notched	0.267 J/cm @Temperature 23.0 Â°C	0.500 ft-lb/in @Temperature 73.4 Â°F	1/8" notched bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 Â°C	227 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Process	Fiber	
	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution

Descriptive Properties	Value	Comments
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US & Canada

Bamberger Polymers Distribution

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