

Ineos H01H-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

Material Notes:

This is a low flow rate homopolymer designed for extrusion or injection molding. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Injection molded articles Extruded sheet and profiles Benefits Stabilized for long term heat aging Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H01H-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	1.7 g/10 min	1.7 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	93	93	ASTM D785
Tensile Strength, Yield	34.3 MPa	4970 psi	ASTM D638
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Elongation at Break	172 %	172 %	ASTM D638
Flexural Modulus	1.40 GPa	203 ksi	ASTM D790A
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.6 Å°C	195 Å°F	ASTM D648

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

Descriptive Properties

US & Canada
Value

Bamberger Polymers Distribution
Comments

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