

Ineos H02C-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade , Polypropylene, Extrusion Grade , Polypropylene, Sheet/Thermoforming Grade

Material Notes:

This is a low flow rate, high clarity homopolymer designed for extrusion, thermoforming, blow molding, and rigid packaging. Applications that require good see-through clarity combined with good heat resistance can benefit from this grade of material. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Thermoformed packaging (cups, containers, lidding) Extrusion blow molded containers and bottles Injection blown molded containers and bottles Extruded sheet and profiles Benefits Excellent clarity Excellent processability Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ineos-H02C-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.25 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.25 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.0 MPa @Temperature 23.0 Â°C	5510 psi @Temperature 73.4 Â°F	ASTM D638
Flexural Modulus	1.71 GPa @Temperature 23.0 Â°C	248 ksi @Temperature 73.4 Â°F	ASTM D790A
Izod Impact, Notched	0.374 J/cm @Temperature 23.0 Â°C	0.700 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)	112 Â°C	234 Â°F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	26 %	26 %	50-mil plaque, % Diffuse Transmittance; ASTM D1003

Descriptive Properties	Value	Comments
Process	Blow Molding Extrusion	

Descriptive Properties	Value Sheet Extrusion	Comments
	Thermoforming	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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