

Ineos H02C-01 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-01-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.2 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.2 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa @Temperature 23.0 Â°C	5000 psi @Temperature 73.4 Â°F	ASTM D638
Flexural Modulus	1.63 GPa @Temperature 23.0 Â°C	237 ksi @Temperature 73.4 Â°F	ASTM D790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 Â°C	237 Â°F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	18.5 %	18.5 %	50-mil plaque, % Diffuse Transmittance; ASTM D1003

Descriptive Properties	Value	Comments
Process	Blow Molding	
	Extrusion	
	Thermoforming	
Region	US & Canada	Bamberger Polymers Distribution

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