

Ineos H02G-02 Polypropylene Homopolymer

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

Material Notes:

This is a homopolymer designed for extrusion and film. It exhibits good extrusion and film orientation behavior. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications BOPP Thermoformed Sheet Tape Woven Bags Twine Benefits Good stretching performance Consistent lot-to-lot properties and performance Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H02G-02-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min	2.0 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
Tensile Strength, Yield	35.2 MPa	5100 psi	ASTM D638
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Elongation at Yield	12.8 %	12.8 %	ASTM D638
Flexural Modulus, 1% Secant	1470 MPa	213000 psi	0.05 in/min test speed
	@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)	86.7 Å°C	188 Å°F	ASTM D648

Descriptive Properties	Value	Comments
Process	Extrusion	
	Film	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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