

Ineos H03G-04 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade , Polypropylene, Film Grade

Material Notes:

This is a polypropylene homopolymer for biaxially oriented polypropylene (BOPP) film and blow molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications BOPP Blow molding Benefits Excellent film properties Ease of processing Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H03G-04-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	3.5 g/10 min	3.5 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.5 MPa	4860 psi	ASTM D638
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Yield	12.9 %	12.9 %	ASTM D638
Flexural Modulus, 1% Secant	1240 MPa	180000 psi	0.05 in/min test speed
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Izod Impact, Notched	0.534 J/cm	1.00 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.1 Â°C	187 Â°F	ASTM D648

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