

Ineos H03G-02 Polypropylene

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

Material Notes:

This is a homopolymer designed for fiber and tape applications requiring low water carryover and low die build-up. This resin meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Slit Tape Film Fiber Benefits Low water carryover Low die build-up Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H03G-02-Polypropylene.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	37.7 MPa	5470 psi	ASTM D638
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Flexural Modulus	1.59 GPa	230 ksi	ASTM D790A
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Izod Impact, Notched	0.374 J/cm	0.700 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)	101 Â°C	214 Â°F	ASTM D648

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