

Ineos H12G-01 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade , Polypropylene, Molded

Material Notes:

Grade H12G-01 is a general purpose homopolymer. This material meets the requirements of the US Food and Drug Administration as specified in 21 CFR 177.1520 for use in food-contact applications for food type Categories I through IX of Table 1, under conditions of use A through H of Table 2 in Title 21 CFR, Part 176.170(c).Applications:General Purpose Injection and ExtrusionHousewaresRigid PackagingCaps & ClosuresFilm and SheetInformation provided by Ineos Olefins & Polymers USA

Order this product through the following link:
http://www.lookpolymers.com/polymer_ineos-H12G-01-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min	12 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
Hardness, Shore D	76	76	ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	2 in/min; ASTM D638
Tensile Strength, Yield	35.9 MPa	5200 psi	2 in/min; ASTM D638
Elongation at Break	>= 250 %	>= 250 %	2 in/min; ASTM D638
Elongation at Yield	11 %	11 %	2 in/min; ASTM D638
Flexural Modulus	1.48 GPa	215 ksi	1% Secant, 0.05 in/min; ASTM D790A
Izod Impact, Notched	0.315 J/cm	0.590 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 Â°C	194 Â°F	ASTM D648

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

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