

Ineos H12Z-02 Polypropylene Homopolymer, Antistatic and Nucleated

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

Material Notes:

A nucleated and antistated polypropylene homopolymer produced by Ineos utilizing unique catalyst technology. It is designed for injection molding applications that require superior mold release properties. This material meets the Food and Drug Administration requirements of 21CFR 177.1520.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H12Z-02-Polypropylene-Homopolymer-Antistatic-and-Nucleated.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	12.8 g/10 min	12.8 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	71	71	ASTM D2240
Tensile Strength at Break	24.1 MPa	3500 psi	2 in/min.; ASTM D638
Tensile Strength, Yield	38.6 MPa	5600 psi	2 in/min.; ASTM D638
Elongation at Break	16 %	16 %	2 in/min.; ASTM D638
Elongation at Yield	7.0 %	7.0 %	2 in/min.; ASTM D638
Flexural Modulus	1.793 GPa	260.1 ksi	Secant @ 1% strain; ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.40 J/cm	12.0 ft-lb/in	ASTM D256

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

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