

Ineos H12E-00 Polypropylene Homopolymer, Antistatic

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

Material Notes:

An antistated polypropylene homopolymer produced by Ineos utilizing catalyst technology. It is designed for injection molding and general purpose extrusion. 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-H12E-00-Polypropylene-Homopolymer-Antistatic.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	76	76	ASTM D2240
Tensile Strength, Yield	36.5 MPa	5290 psi	2 in/min; ASTM D638
Elongation at Yield	11.5 %	11.5 %	2 in/min.; ASTM D638
Flexural Modulus	1.558 GPa	226.0 ksi	Secant @ 1% strain at 0.05 in/min; ASTM D790
Izod Impact, Notched	0.187 J/cm	0.350 ft-lb/in	ASTM D256

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

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