

Ineos H28E-00 Polypropylene Homopolymer, Antistatic

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Grade H28E-00 is an antistated, controlled rheology polypropylene homopolymer. It is designed for injection molding applications that require improved impact. 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-H28E-00-Polypropylene-Homopolymer-Antistatic.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 230 °C	30 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	19.7 MPa	2860 psi	2 in/min.; ASTM D638
Tensile Strength, Yield	34.5 MPa	5000 psi	2 in/min (50 mm/min); ASTM D-638
Elongation at Break	480 %	480 %	2 in/min (50 mm/min); ASTM D-638
Elongation at Yield	10 %	10 %	2 in/min.; ASTM D638
Modulus of Elasticity	0.965 GPa	140 ksi	ASTM D638
Flexural Modulus	1.379 GPa	200.0 ksi	Secant @ 1% strain; ASTM D790
Impact Test	7.10 J	5.24 ft-lb	TUP Impact; 1" radius tip on 1/16" plaque

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

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