

Ineos H35Z-00 Polypropylene Homopolymer

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

Material Notes:

This is a high flow rate, nucleated and antistatic homopolymer for injection molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Consumer products Housewares Medical components Thin-wall rigid packaging Benefits High flow rate Fast cycle times Good molding performance in thin-walled parts Low static charge Improved toughness Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H35Z-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 Â°C	35 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	38.6 MPa @Temperature 23.0 Â°C	5600 psi @Temperature 73.4 Â°F	ASTM D638
Elongation at Break	30 %	30 %	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.65 GPa @Temperature 23.0 Â°C	240 ksi @Temperature 73.4 Â°F	ASTM D790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	121 Â°C	250 Â°F	ASTM D648

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

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