

Ineos H53N-00 Polypropylene Homopolymer

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

Material Notes:

This is a high flow rate nucleated and lightly lubricated homopolymer polypropylene designed for high-speed injection molding of thin-walled parts requiring good stiffness and fast cycle times. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Media packaging Consumer products Housewares Thin-wall rigid packaging Food service products Benefits High flow rate Fast cycle times Good stiffness Very good molding performance in thin-walled parts Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H53N-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	53 g/10 min	53 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, Rockwell R	107	107	ASTM D785
Tensile Strength, Yield	41.3 MPa	5990 psi	ASTM D638
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Elongation at Break	33 %	33 %	ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus, 1% Secant	1690 MPa	245000 psi	0.05 in/min test speed
Izod Impact, Notched	0.240 J/cm	0.450 ft-lb/in	1/8" notched bar; ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 Â°C	239 Â°F	ASTM D648

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China