

Ineos H36G-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Fiber Grade

Material Notes:

This is a high flow rate homopolymer. This material is designed for fiber spinning and spun bonded processes. It meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.ApplicationsTextilesFiltration mediaDisposable fabrics and clothBenefitsHigh flow rateConsistent processabilitySuperior spinning characteristicsInformation provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H36G-00-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.904 - 0.908 g/cc	0.0327 - 0.0328 lb/in ³	ASTM D1505
Linear Mold Shrinkage	0.010 - 0.025 cm/cm	0.010 - 0.025 in/in	ASTM D955
Melt Flow	36 g/10 min @Load 2.16 kg, Temperature 230 °C	36 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	68 - 108	68 - 108	ASTM D785
Tensile Strength, Yield	32.8 MPa @Temperature 23.0 °C	4760 psi @Temperature 73.4 °F	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.24 GPa @Temperature 23.0 °C	180 ksi @Temperature 73.4 °F	ASTM D790A
Izod Impact, Notched	0.214 - 0.374 J/cm	0.400 - 0.700 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.9 °C	210 °F	ASTM D648

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