

Ineos H36G-01 Polypropylene Homopolymer

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

Material Notes:

This is a polypropylene homopolymer for general purpose injection molding and high speed fiber spinning applications. It is useful for spunbonded nonwovens and partially oriented yarn (POY). This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Spunbond nonwovens POY Fiber and tape General purpose injection molding Staple fiber Benefits Excellent gas fade Excellent processability High speed spinning Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-H36G-01-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	36 g/10 min @Load 2.16 kg, Temperature 230 Å°C	36 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.1 MPa @Temperature 23.0 Å°C	4660 psi @Temperature 73.4 Å°F	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Elongation at Yield	11 %	11 %	ASTM D638
Flexural Modulus	1.22 GPa @Temperature 23.0 Å°C	177 ksi @Temperature 73.4 Å°F	ASTM D790A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.2 Å°C	198 Å°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