

## Ineos H00G-00 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

A polypropylene homopolymer produced by Ineos utilizing catalyst technology. This material meets the Food and Drug Administration requirements of 21CFR 177.1520. Homopolymer H00G-00 meets certain automotive resin specifications.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-H00G-00-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_ineos-H00G-00-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 230 °C	0.70 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	ASTM D2240
Tensile Strength, Ultimate	20.7 MPa	3000 psi	2 in/min.; ASTM D638
Tensile Strength, Yield	35.8 MPa	5190 psi	2 in/min (50 mm/min); ASTM D-638
Elongation at Break	100 %	100 %	2 in/min (50 mm/min); ASTM D-638
Elongation at Yield	10 %	10 %	2 in/min.; ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	Secant @ 1% strain; ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
Izod Impact, Unnotched	>= 13.35 J/cm	>= 25.01 ft-lb/in	ASTM D256

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

## Contact Songhan Plastic Technology Co.,Ltd.

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