

## Ineos H07G-00 Polypropylene Homopolymer

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

### Material Notes:

Grade H07G-00 is a barefoot polypropylene homopolymer designed for cast film applications and flexible packaging. This grade has good optical properties and consistent processing. This grade meets the requirements of the U.S. Food and Drug Administration specified in 21 CFR 177.1520.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-H07G-00-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_ineos-H07G-00-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Density	0.909 g/cc	0.0328 lb/in <sup>3</sup>	ASTM D792
Melt Flow	7.53 g/10 min	7.53 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength at Break	18.79 MPa	2725 psi	2 in/min; ASTM D638
Tensile Strength, Yield	36.0 MPa	5220 psi	2 in/min; ASTM D638
Elongation at Break	160 %	160 %	2 in/min; ASTM D638
Elongation at Yield	11 %	11 %	2 in/min; ASTM D638
Flexural Modulus	1.529 GPa	221.7 ksi	1% Secant; ASTM D790A
Izod Impact, Notched	0.283 J/cm	0.530 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.8 °C	199 °F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	25 %	25 %	75% Diffuse Transmission; ASTM D1003
	@Thickness 1.30 mm	@Thickness 0.0512 in	
Gloss	93 %	93 %	60° Angle; ASTM D2457

Descriptive Properties	Value	Comments
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Process

Descriptive Properties	Film Value	Comments
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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