

## Ineos H20G-00 Polypropylene Homopolymer

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

**Material Notes:**

This is a general purpose homopolymer for injection molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Consumer products Housewares Rigid packaging Benefits Easy moldability Fast cycle times Information provided by Ineos Olefins & Polymers USA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-H20G-00-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_ineos-H20G-00-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.9 MPa	5200 psi	ASTM D638
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Elongation at Break	>= 200 %	>= 200 %	ASTM D638
Elongation at Yield	9.0 %	9.0 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790A
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	103 °C	217 °F	ASTM D648

Descriptive Properties	Value	Comments
Process	Injection Molding	

## Contact Songhan Plastic Technology Co.,Ltd.

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