H00G-00 Polypropylene Homopolymer

H00G-00 is a fractional melt flow rate homopolymer that meets the FDA requirements of 21 CFR 177.1520; please see the H00G-00 Regulatory Position Statement for additional details.

Typical Properties[1]

	Values		ASTM
	English Units	SI Units	Method
Resin			
Density	—	0.9061 g/cc	**D792**
Melt Flow Rate 230°C/2.16 kg	—	0.70 g/10 min	**D1238**
Injection Molded Samples			
Tensile Strength (2 in/min)			**D638**
@ Yield	5,215 psi	35.7 MPa	
@ Break	3,205 psi	21.9 MPa	
Elongation (2 in/min)			**D638**
@ Yield	11.6 %	11.6 %	
@ Break	122 %	122 %	
Flexural Modulus			**D790A**
1% Secant	216,500 psi	1,494 MPa	
Notched Izod Impact Strength			**D256**
@ 23 C	0.97 ft-lbf/in	5.1 kJ/m²	
Hardness			**D785**
Rockwell R	98.3	98.3	
Heat Deflection Temperature			**D648**
@ 66 psi (455 kPa)	217 F	102 C	
Haze @ 23°C, 50-mil (1.3mm) plaque			**D1003**
% Diffuse Transmittance	69 %	69 %	
Gloss at 60 ° angle (Gloss Units)	90	90	**D2457**
UL Flammability Classification:		HB	**UL94**

[1] Typical properties; not to be used for specifications.

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Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

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Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, please refer to the Regulatory Position Statement (RPS) online at www.ineos-op.com, or call + 1-800-527-5419.

Health and Safety Information

The product described herein may require precautions in handling and use because of toxicity, flammability, or other consideration. The Material Safety Data Sheet (MSDS) contains the available product health and safety information for this material and can be found at **www.ineos-op.com**. Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

The Material Safety Data Sheet for this product contains shipping descriptions and should be consulted, before transportation, as a reference in determining the proper shipping description. If the material shipped by INEOS O&P is altered or modified, different shipping descriptions may apply and the MSDS of the original material should not be used.

For additional information, samples, pricing and availability, please contact:

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