

# 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<sup>1</sup>

	Values		ASTM Method
	English Units	SI Units	
<b>Resin</b>			
Density	—	0.9061 g/cc	D792
Melt Flow Rate 230°C/2.16 kg	—	0.70 g/10 min	D1238
<b>Injection Molded Samples</b>			
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/m <sup>2</sup>	
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

<sup>1</sup> Typical properties; not to be used for specifications.