



INEOS PP H00G-00

INEOS Olefins & Polymers USA - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

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. H00G-00 also meets certain automotive resin specifications; please contact INEOS Olefins & Polymers USA for further details.

General

Material Status	• Commercial: Active	
Availability	• North America	
Features	• Food Contact Acceptable	• Homopolymer
Agency Ratings	• EC 1907/2006 (REACH)	• FDA 21 CFR 177.1520
RoHS Compliance	• Contact Manufacturer	
Forms	• Pellets	

ASTM & ISO Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.908		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Mechanical			
Tensile Strength ² (Yield)	5220	psi	ASTM D638
Tensile Strength ² (Break)	3210	psi	ASTM D638
Tensile Elongation ² (Yield)	12	%	ASTM D638
Tensile Elongation ² (Break)	120	%	ASTM D638
Flexural Modulus - 1% Secant	217000	psi	ASTM D790A
Impact			
Notched Izod Impact (73°F)	0.97	ft·lb/in	ASTM D256
Notched Izod Impact (Area) (73°F)	2.43	ft·lb/in ²	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	98		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	217	°F	ASTM D648
Flammability			
Flame Rating	HB		UL 94
Optical			
Gloss (60°)	90		ASTM D2457
Haze ³ (50.0 mil)	69.0	%	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ 23°C

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