

INEOS PP H00G-00

Polypropylene Homopolymer

INEOS Olefins & Polymers USA

Message:

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 Information			
UL YellowCard	E31830-230784		
Features	Food Contact Acceptable		
	Homopolymer		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.906	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	36.0	MPa	
Break	22.1	MPa	
Tensile Elongation ²			ASTM D638
Yield	12	%	
Break	120	%	
Flexural Modulus - 1% Secant	1490	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	52	J/m	ASTM D256
Notched Izod Impact (Area) (23°C)	5.10	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	103	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Optical	Nominal Value	Unit	Test Method

Gloss (60°)	90		ASTM D2457
Haze ³ (1270 μm)	69	%	ASTM D1003
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	23°C		

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