



INEOS PP H01H-00

INEOS Olefins & Polymers USA - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

H01H-00 is a low flow rate homopolymer polypropylene containing a Long Term Heat Aging package. Typical applications include injection molded parts and sheet and profile extrusion; this product is not recommended for taste or odor sensitive applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> North America 		
Additive	<ul style="list-style-type: none"> Heat Stabilizer 		
Features	<ul style="list-style-type: none"> Food Contact Acceptable Heat Stabilized 	<ul style="list-style-type: none"> Homopolymer Low Flow 	
Uses	<ul style="list-style-type: none"> Profiles 	<ul style="list-style-type: none"> Sheet 	
Agency Ratings	<ul style="list-style-type: none"> EC 1907/2006 (REACH) FDA 21 CFR 177.1520 		
RoHS Compliance	<ul style="list-style-type: none"> Contact Manufacturer 		
Forms	<ul style="list-style-type: none"> Pellets 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 	<ul style="list-style-type: none"> Profile Extrusion 	<ul style="list-style-type: none"> Sheet Extrusion

ASTM & ISO Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.909		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Mechanical			
Tensile Strength ² (Yield)	4900	psi	ASTM D638
Tensile Strength ² (Break)	2900	psi	ASTM D638
Tensile Elongation ² (Yield)	13	%	ASTM D638
Tensile Elongation ² (Break)	120	%	ASTM D638
Flexural Modulus - 1% Secant	200000	psi	ASTM D790A
Impact			
Notched Izod Impact (73°F)	0.90	ft·lb/in	ASTM D256
Notched Izod Impact (Area) (73°F)	2.24	ft·lb/in ²	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	95		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	199	°F	ASTM D648
Vicat Softening Temperature	305	°F	ASTM D1525

Notes

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

² 2.0 in/min

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