

INEOS PP H01H-00

Polypropylene Homopolymer
INEOS Olefins & Polymers USA

Message:

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 Information			
UL YellowCard	E31830-314158		
Additive	Heat Stabilizer		
Features	Food Contact Acceptable		
	Heat Stabilized		
	Homopolymer		
	Low Flow		
Uses	Profiles		
	Sheet		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.907	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	33.8	MPa	
Break	20.0	MPa	
Tensile Elongation ²			ASTM D638
Yield	13	%	
Break	120	%	

Flexural Modulus - 1% Secant	1380	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Notched Izod Impact (Area) (23°C)	4.70	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.8	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

