

INEOS PP H20Z-00

Polypropylene Homopolymer
INEOS Olefins & Polymers USA

Message:

H20Z-00 is a nucleated and antistatic polypropylene homopolymer for applications in injection molding, consumer products, housewares, and rigid packaging. This grade has easy moldability, fast cycle times, improved stiffness, and low static charge. This grade has been recognized by UL and meets the requirements of the U.S. Food and Drug Administration specified in 21 CFR 177.1520.

General Information			
UL YellowCard	E31830-100062241		
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Moldability		
	Homopolymer		
	Nucleated		
Uses	Consumer Applications		
	Household Goods		
	Rigid Packaging		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.909	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	37.5	MPa	
Break	18.7	MPa	
Tensile Elongation ²			ASTM D638

Yield	8.0	%	
Break	49	%	
Flexural Modulus - 1% Secant	1810	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33	J/m	ASTM D256
Notched Izod Impact (Area) (23°C)	3.27	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	114	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	HB		UL 94
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	91		ASTM D2457
Haze ³ (1270 μm)	68	%	ASTM D1003
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	23°C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT