

INEOS PP H20E-00

Polypropylene Homopolymer
INEOS Olefins & Polymers USA

Message:

H20E-00 is a controlled rheology homopolymer polypropylene containing a high level of antistat designed for injection molding applications that require improved processability and enhanced mold release. Typical applications include caps and closures and thin wall containers. It meets the requirements of the U.S. Food and Drug Administration as specified in 21CFR 177.1520.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Controlled Rheology		
	Food Contact Acceptable		
	Good Mold Release		
	Homopolymer		
Uses	Caps		
	Closures		
	Thin-walled Containers		
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	0.904	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	34.5	MPa	
Break	15.9	MPa	
Tensile Elongation ²			ASTM D638
Yield	10	%	
Break	160	%	
Flexural Modulus - 1% Secant	1480	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	27	J/m	ASTM D256
Notched Izod Impact (Area) (23°C)	2.52	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.2	°C	ASTM D648
Optical	Nominal Value		Test Method
Gloss (60°)	93		ASTM D2457
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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

