



INEOS PP H20A-00

INEOS Olefins & Polymers USA - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

H20A-00 is a controlled rheology homopolymer designed for injection molding applications requiring a moderate level of antistatic agent. Typical applications include consumer products, housewares and rigid packaging. It meets the requirements of the U.S. Food and Drug Administration as specified in 21CFR 177.1520.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• Antistatic
Features	• Antistatic • Food Contact Acceptable • Controlled Rheology • Homopolymer
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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.912		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	5280	psi	ASTM D638
Tensile Strength ² (Break)	2920	psi	ASTM D638
Tensile Elongation ² (Yield)	9.7	%	ASTM D638
Tensile Elongation ² (Break)	< 100	%	ASTM D638
Flexural Modulus - 1% Secant	232000	psi	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.51	ft-lb/in	ASTM D256
Notched Izod Impact (Area) (73°F)	1.28	ft-lb/in ²	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	215	°F	ASTM D648
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	94		ASTM D2457

Notes

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

² 2.0 in/min