



INEOS PP H28E-00

INEOS Olefins & Polymers USA - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

H28E-00 is an antistated, controlled rheology polypropylene homopolymer designed for injection molding applications that require improved impact characteristics. 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
Agency Ratings	• EC 1907/2006 (REACH)	• FDA 21 CFR 177.1520
RoHS Compliance	• Contact Manufacturer	
Forms	• Pellets	
Processing Method	• Injection Molding	

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.911		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	4990	psi	ASTM D638
Tensile Strength ² (Break)	2190	psi	ASTM D638
Tensile Elongation ² (Yield)	12	%	ASTM D638
Tensile Elongation ² (Break)	290	%	ASTM D638
Flexural Modulus - 1% Secant	195000	psi	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.55	ft·lb/in	ASTM D256
Notched Izod Impact (Area) (73°F)	1.38	ft·lb/in ²	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	197	°F	ASTM D648
Optical	Nominal Value	Unit	Test Method
Gloss (60°)	91		ASTM D2457

Notes

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

² 2.0 in/min

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