

# INEOS PP H28E-00

Polypropylene Homopolymer

INEOS Olefins & Polymers USA

## Message:

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 Information			
Additive	Antistatic		
Features	Antistatic		
	Controlled Rheology		
	Food Contact Acceptable		
	Homopolymer		
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 <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	28	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	96		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Yield	34.4	MPa	
Break	15.1	MPa	
Tensile Elongation <sup>2</sup>			ASTM D638
Yield	12	%	
Break	290	%	
Flexural Modulus - 1% Secant	1340	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ASTM D256
Notched Izod Impact (Area) (23°C)	2.91	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.7	°C	ASTM D648
Optical	Nominal Value		Test Method

Gloss (60°)	91	ASTM D2457
NOTE		
1.	51 mm/min	
2.	51 mm/min	

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### Recommended distributors for this material

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