



HYPRO® PP-HP 12NS

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Homopolymer, 12 Melt Flow, Nucleated, Anti-Stat, Injection Molding

General

Material Status	• Commercial: Active	
Availability	• North America	
Additive	• Antistatic	• Nucleating Agent
Features	• Antistatic • Food Contact Acceptable	• Homopolymer • Nucleated
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Injection Molding	

ASTM & ISO Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.014	in/in	ASTM D955
Mechanical			
Tensile Strength (Yield, 73°F)	5510	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ² (73°F)	262000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	0.60	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	241	°F	ASTM D648

Notes

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

² 0.051 in/min