

Hypro® PP-HP 12NS

Polypropylene Homopolymer

Entec Polymers

Message:

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

General Information			
Additive	Antistatic		
	Nucleating Agent		
Features	Antistatic		
	Food Contact Acceptable		
	Homopolymer		
	Nucleated		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	38.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ¹ (23°C)	1810	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648
NOTE			
1.	1.3 mm/min		

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