

Hyprom® PP-HP 12

Polypropylene Homopolymer

Entec Polymers

Message:

This product is intended for general purpose injection molding applications such as caps & closures, resin furniture and consumer products.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Homopolymer		
Uses	Caps		
	Closures		
	Consumer Applications		
	Furniture		
	General Purpose		
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)	34.0	MPa	ASTM D638
Tensile Elongation (Yield, 23°C)	9.0	%	ASTM D638
Flexural Modulus - 1% Secant ¹ (23°C)	1660	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)	105	°C	ASTM D648
NOTE			
1.	1.3 mm/min		

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Recommended distributors for this material

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