Hypro® PP-CP 10/2

Polypropylene Impact Copolymer

Entec Polymers

Message:

This product is intended for injection molding applications such as consumer products, toys, housewares, office furniture and juvenile products.

General Information			
Additive	Antistatic Nucleating Agent		
Features	Antistatic Impact Copolymer Nucleated		
Uses	Consumer Applications Furniture Household Goods Toys		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, 23°C)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Modulus - 1% Secant [1] (23°C)	1450	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.18 mm)	130	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Rear Temperature	182 to 216	°C	
Middle Temperature	193 to 238	°C	
Front Temperature	204 to 249	°C	
Nozzle Temperature	193 to 238	°C	
Processing (Melt) Temp	204 to 249	°C	

Mold Temperature	21.1 to 48.9	°C
Injection Pressure	3.45 to 10.3	MPa

NOTE	
1.	1.3 mm/min

Recommended distributors for this material

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