

Hyprom® PP-CP 0.5/10

Polypropylene Copolymer

Entec Polymers

Message:

This is a high impact copolymer intended for use in blow molding, pipe, tubing, sheet and other extrusion applications.

General Information	
Features	High Impact Resistance Impact Copolymer
Uses	Blow Molding Applications Piping Sheet Tubing
RoHS Compliance	RoHS Compliant
Forms	Pellets
Processing Method	Blow Molding Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	28.0	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus - 1% Secant ¹ (23°C)	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
NOTE			

1. 1.3 mm/min

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Recommended distributors for this material

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