



HYPRO® PP-CP 0.5/10

Entec Polymers - Polypropylene Impact Copolymer

Tuesday, November 5, 2019

General Information

Product Description

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

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• High Impact Resistance	• Impact Copolymer	
Uses	• Blow Molding Applications	• Sheet	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		
Processing Method	• Blow Molding	• Extrusion	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	4060	psi	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus - 1% Secant ² (73°F)	195000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	190	°F	ASTM D648

Notes

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

² 0.051 in/min