



HYPRO® PP-CP 8/6

Entec Polymers - Polypropylene Impact Copolymer

Tuesday, November 5, 2019

General Information

Product Description

This product is intended for use in injection molding applications for automotive and consumer products and also contains a long term heat aging additive package.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Impact Copolymer
Uses	• Automotive Applications • Consumer Applications
Forms	• Pellets
Processing Method	• Injection Molding

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)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.013	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3480	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant ² (73°F)	155000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	> 6.0	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	178	°F	ASTM D648

Notes

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

² 0.051 in/min