



# 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
Forms	• Pellets
Processing Method	• Injection Molding

### ASTM & ISO Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
Physical			
Density	0.900	g/cm <sup>3</sup>	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			
Tensile Strength (Yield, 73°F)	3480	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	7.0	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup> (73°F)	155000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	> 6.0	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	178	°F	ASTM D648

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 0.051 in/min