

# PrimaFlex® CP 1011

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 1011 is a high impact copolymer polypropylene designed for such applications as Automotive Compounds and injection molding applications.

General Information			
Features	Food Contact Acceptable		
	Good Flow		
	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Appliances		
	Automotive Applications		
	Lawn and Garden Equipment		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.3	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	91	J/m	
-18°C	100	J/m	
23°C	590	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	30.0	°C	ASTM D648

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Recommended distributors for this material

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