

PrimaFlex® CP 2002

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 2002 is a medium impact copolymer polypropylene for use in injection molding applications.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Appliances		
	Household Goods		
	White Goods & Small Appliances		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	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)	26.2	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	100	J/m	
23°C	120	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	32.2	°C	ASTM D648

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