

PrimaFlex® CP 1211

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 1211 is a nucleated impact copolymer polypropylene with an excellent balance of stiffness and impact resistance for injection molding applications and compounding.

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	Good Flow		
	Good Stiffness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Nucleated		
	Appliances		
	Automotive Applications		
	Lawn and Garden Equipment		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	72		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1320	MPa	ASTM D638
Tensile Strength (Yield)	23.6	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
--	No Break		
-20°C	100	J/m	
0°C	100	J/m	
23°C	600	J/m	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.2	°C	ASTM D648
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