

PrimaFlex® CP 2012

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 2012 is a high melt flow rate, nucleated polypropylene impact copolymer formulated for improved flowability. It has optimum balance of stiffness and impact resistance for injection molded applications.

General Information			
Additive	Nucleating Agent		
Features	Food Contact Acceptable		
	Good Moldability		
	Good Stiffness		
	High Flow		
	High Impact Resistance		
	Impact Copolymer		
Uses	Nucleated		
	Containers		
	Crates		
	Industrial Applications		
Agency Ratings	Pails		
	FDA 21 CFR 177.1520		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
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)	61		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Yield)	5.9	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-18°C	140	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	29.4	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

