

PrimaFlex® CP 0212

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 0212 is an impact copolymer with an excellent balance of toughness and stiffness.

General Information			
Features	Food Contact Acceptable		
	Good Strength		
	Good Toughness		
	Impact Copolymer		
Uses	Bottles		
	Corrugated Sheet		
	Profiles		
	Sheet		
	Thermoformed Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
	Profile Extrusion		
	Sheet Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	1.2	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.9	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	91	J/m	
23°C	750	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	35.0	°C	ASTM D648

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