

PrimaFlex® CP 0110

Polypropylene Impact Copolymer

Plastic Solutions, Inc.

Message:

Description: CP 0110 is a high impact copolymer with an excellent balance of toughness and stiffness.

General Information			
Features	Food Contact Acceptable		
	Good Stiffness		
	Good Toughness		
	High Impact Resistance		
	Impact Copolymer		
Uses	Blow Molding Applications		
	Bottles		
	Profiles		
	Sheet		
	Thermoformed Containers		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow Molding		
	Profile Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.2	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	85	J/m	
-18°C	110	J/m	
0°C	130	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	30.0	°C	ASTM D648

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