

PrimaFlex® GP 0900

General Purpose Polystyrene

Plastic Solutions, Inc.

Message:

Description: GP 0900 is a general purpose crystal polystyrene for both injection molding and cap layer coextrusion.

General Information	
Features	Fast Molding Cycle
	Food Contact Acceptable
	General Purpose
	Good Flow
	Stress Whitening Resistant
Uses	Caps
	General Purpose
	Medical/Healthcare Applications
	Table Products
Agency Ratings	FDA 21 CFR 177.1640
Processing Method	Coextrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3030	MPa	ASTM D638
Tensile Strength (Yield)	46.2	MPa	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	93.1	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	93.3	°C	ASTM D648
Vicat Softening Temperature	101	°C	ASTM D1525

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