

PrimaFlex® GP 0400

General Purpose Polystyrene

Plastic Solutions, Inc.

Message:

Description: GP 0400 is a medium flow crystal polystyrene for injection molding.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Medium Flow		
	Scratch Resistant		
Uses	Appliance Components		
	Business Equipment		
	Electrical/Electronic Applications		
	General Purpose		
Agency Ratings	FDA 21 CFR 177.1640		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2960	MPa	ASTM D638
Tensile Strength (Yield)	51.7	MPa	ASTM D638
Flexural Modulus	2960	MPa	ASTM D790
Flexural Strength	96.5	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	91.1	°C	ASTM D648
Vicat Softening Temperature	97.8	°C	ASTM D1525

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT