

# PrimaFlex® MI 1314

High Impact Polystyrene

Plastic Solutions, Inc.

Message:

Description: MI 1314 is a high melt flow, high impact polystyrene for injection molding.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	High Flow		
	High Impact Resistance		
Uses	Disposable Drinkware		
	Masterbatch		
	Medical/Healthcare Applications		
	Table Products		
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)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2410	MPa	ASTM D638
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	45.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Gardner Impact	10.7	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.2	°C	ASTM D648
Vicat Softening Temperature	93.3	°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

