

# EdgeGlas® 1000

Thermoplastic  
Plastic Selection Group, Inc.

Message:  
EdgeGlas® 1000 is a Thermoplastic product. It can be processed by injection blow molding or injection molding and is available in North America. Typical application: Food Contact Applications.

General Information			
Features	Terpolymer		
Agency Ratings	FDA Unspecified Rating		
Processing Method	Injection Blow Molding		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	22	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	55.2	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	107	°C	ASTM D648

Optical	Nominal Value	Unit	Test Method
Transmittance	90.0	%	ASTM D1003

Injection	Nominal Value	Unit
Drying Temperature	65.6 to 76.7	°C
Drying Time	2.0	hr
Rear Temperature	224	°C
Middle Temperature	229	°C
Front Temperature	235	°C
Nozzle Temperature	224 to 235	°C
Processing (Melt) Temp	227 to 238	°C
Mold Temperature	26.7 to 43.3	°C
Injection Pressure	6.89 to 8.96	MPa

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

