

EdgeGlas® 4065

Thermoplastic

Plastic Selection Group, Inc.

Message:

EdgeGlas® 4065 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	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2070	MPa	ASTM D638
Tensile Strength (Break)	44.8	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	No Break		ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
0.45 MPa, Annealed	135	°C	

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

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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

