

# EdgeGlas® TP

Thermoplastic  
Plastic Selection Group, Inc.

Message:

EdgeGlas® TP 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	1.09	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	62.1	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°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

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Recommended distributors for this material

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