

Ecolent™ GPC

Polycarbonate

Lucent Polymers, Inc.

Message:

Glass Reinforced Polycarbonate, Injection Grade

Recycled Content

Add "R" for Added Release

Add "U" for UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber		
Recycled Content	Yes		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	96.5	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5520	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141	°C	ASTM D648

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Recommended distributors for this material

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