

Technical Data Sheet

Ecolent GPC

Polycarbonate
LyondellBasell Industries
Engineering Plastics

Product Description

Glass Reinforced Polycarbonate, Injection Grade

Recycled Content

Add "R" for Added Release

Add "U" for UV Stabilized

General

Filler / Reinforcement	• Glass Fiber
Recycled Content	• Yes
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.35	1.35 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	14000 psi	96.5 MPa	ASTM D638
Tensile Elongation (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus	800000 psi	5520 MPa	ASTM D790
Flexural Strength	22000 psi	152 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	2.5 ft·lb/in	130 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	285 °F	141 °C	

Notes

These are typical property values not to be construed as specification limits.