

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 73°F (23°C), 0.125 In (3.18 Mm)	2.5 ft·lb/in	130 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	285 °F	141 °C	ASTM D648

Notes

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