

Technical Data Sheet

Lucent Pc GPC-0202 20

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.