

Technical Data Sheet

Lucent Pc GPCB-120

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

20% Glass Fiber Reinforced, PC + PBT

Colors Available

Add "R" for Added Release

Add "U" for UV Stabilized

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.34	1.34 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	15 g/10 min	15 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	13600 psi	93.8 MPa	ASTM D638
Tensile Elongation (Break)	> 4.0 %	> 4.0 %	ASTM D638
Flexural Modulus	580000 psi	4000 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)	0.80 ft·lb/in	43 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	248 °F	120 °C	

Notes

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