



Technical Data Sheet

Lucent Pc GPC-FR030

Polycarbonate
 LyondellBasell Industries
 Engineering Plastics

Product Description

GPC=FR030 is a Glass-Reinforced, Flame Retardant, Polycarbonate

General

- | | |
|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 30% Filler by Weight |
| Processing Method | • Injection Molding |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR)	16 g/10 min	16 g/10 min	ISO 1133
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	11000 psi	75.8 MPa	ASTM D638
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	1.5 ft·lb/in	80 J/m	ASTM D256
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	V-0	V-0	UL 94

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Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	250 °F	121 °C
Suggested Max Moisture	< 0.02 %	< 0.02 %
Rear Temperature	480 to 530 °F	249 to 277 °C
Middle Temperature	480 to 550 °F	249 to 288 °C
Front Temperature	480 to 550 °F	249 to 288 °C
Nozzle Temperature	480 to 550 °F	249 to 288 °C
Processing (Melt) Temp	480 to 550 °F	249 to 288 °C
Mold Temperature	160 to 220 °F	71 to 104 °C
Back Pressure	< 100 psi	< 0.689 MPa
Screw Speed	40 to 75 rpm	40 to 75 rpm

Notes

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