

Technical Data Sheet

Lucent Pc PC/PBT-1020

Polycarbonate + PBT
 LyondellBasell Industries
 Engineering Plastics

Product Description

Polycarbonate + PBT, General Purpose Injection Grade

Colors Available
 Add "R" for Added Release
 Add "U" for UV Stabilized

General

- | | |
|-------------------|---------------------|
| Features | • General Purpose |
| Uses | • General Purpose |
| Appearance | • Colors Available |
| Processing Method | • Injection Molding |

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	9000 psi	62.1 MPa	ASTM D638
Tensile Elongation (Break)	> 80 %	> 80 %	ASTM D638
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	10000 psi	68.9 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	10 ft·lb/in	530 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	180 °F	82.2 °C	ASTM D648

Notes

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