

Technical Data Sheet

Lucent Pc PC/ABS-1020

Polycarbonate + ABS
 LyondellBasell Industries
 Engineering Plastics

Product Description

Polycarbonate + ABS, 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	1.15	1.15 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)	8200 psi	56.5 MPa	ASTM D638
Tensile Elongation (Break)	> 140 %	> 140 %	ASTM D638
Flexural Modulus	336000 psi	2320 MPa	ASTM D790
Flexural Strength	12500 psi	86.2 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)	10 ft-lb/in	530 J/m	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	235 °F	113 °C	

Notes

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