

Technical Data Sheet

Ecollent PC/PBT

Polycarbonate + PBT
LyondellBasell Industries
Engineering Plastics

Product Description

Polycarbonate+PBT, Injection Grade

Recycled Content

Add "R" for Added Release

Add "U" for UV Stabilized

General

Recycled Content	• Yes
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))	6.0 ft-lb/in	320 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.