

Technical Data Sheet
Lucent PC PC/PET-1515
Polycarbonate + PET
Engineering Plastics



Product Description

Polycarbonate + PET, 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	1.21	1.21 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	15 g/10 min	15 g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in (3.18 mm))	8.0E-3 in/in	0.80 %	

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8000 psi	55.2 MPa	ASTM D638
Tensile Elongation (Break)	> 120 %	> 120 %	ASTM D638
Flexural Modulus	320000 psi	2210 MPa	ASTM D790
Flexural Strength	12300 psi	84.8 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)	15 ft·lb/in	800 J/m	

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 psi (1.8 MPa), Unannealed	250 °F	121 °C	

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

