

**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/cm <sup>3</sup>	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 73°F (23°C), 0.125 in (3.18 mm)	15 ft·lb/in	800 J/m	ASTM D256

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

**Notes**

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