

Technical Data Sheet
Lucent PP PPC-220
Polypropylene
Engineering Plastics



Product Description

Impact Modified Polypropylene

Colors Available
Add "U" for UV Stabilized
Add "H" for Heat Stabilized

General

Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in (3.18 mm))	0.016 in/in	1.6 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4810 psi	33.2 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	150000 psi	1030 MPa	ASTM D790
Flexural Strength	5500 psi	37.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	1.8 ft·lb/in	96 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	125 °F	51.7 °C	ASTM D648

Notes

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

