

Technical Data Sheet
Lucent PP PPC-310
Polypropylene
Engineering Plastics



Product Description

Impact Modified Polypropylene

Colors Available

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

Meets GMP.PP.086R

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/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10 g/10 min	10 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)	4300 psi	29.6 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	100000 psi	689 MPa	ASTM D790
Flexural Strength	5000 psi	34.5 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	2.8 ft·lb/in	150 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	120 °F	48.9 °C	ASTM D648

Notes

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