

Technical Data Sheet

Lucent Pp PPC-0310

Polypropylene
 LyondellBasell Industries
 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
Processing Method	• Injection Molding

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

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

Technical Data Sheet

Lucent Pp PPC-0310

Polypropylene
LyondellBasell Industries
Engineering Plastics



Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Processing (Melt) Temp	428 to 500 °F	220 to 260 °C
Mold Temperature	86 to 140 °F	30 to 60 °C

Notes

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