

Technical Data Sheet

# Lucent Pp PPC-0222

Polypropylene  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

Impact Modified Polypropylene

Recycled Content  
 Add "U" for UV Stabilized  
 Add "H" for Heat Stabilized

**General**

Additive	• Impact Modifier
Recycled Content	• Yes
Features	• Impact Modified
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.950	0.948 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	16 g/10 min	16 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4500 psi	31.0 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))	1.5 ft·lb/in	80 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

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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.