

Technical Data Sheet

Lucent Pp TPP-0120QU

Polypropylene
 LyondellBasell Industries
 Engineering Plastics

Product Description

20% Talc Filled, Impact Modified Polypropylene

Colors Available
 Add "H" for Heat Stabilized
 Meets TSM-5608G-2L

General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Automotive Specifications	• TOYOTA TSM 5608G-2L
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.04	1.04 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	25 g/10 min	25 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	4060 psi	28.0 MPa	ASTM D638
Tensile Elongation (Break)	> 50 %	> 50 %	ASTM D638
Flexural Modulus	348000 psi	2400 MPa	ASTM D790
Flexural Strength	5800 psi	40.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	1.1 ft·lb/in	59 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	160 °F	71.1 °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.