

Technical Data Sheet

**Lucent Pp TPP-0140Q BK**

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

TPP-0140Q BK is a 40% Talc-Filled Polypropylene. It is well suited for injection molding applications.

General

Material Status	• Commercial: Active		
Availability	• North America		
Filler / Reinforcement	• Talc, 40% Filler by Weight		
Appearance	• Black	• Colors Available	
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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)	4200 psi	29.0 MPa	ASTM D638
Flexural Modulus - Tangent	538000 psi	3710 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.70 ft·lb/in	37 J/m	ASTM D256

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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.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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