

Technical Data Sheet



Lucent Tpo TPO-25TQU

Polyolefin
LyondellBasell Industries
Engineering Plastics

Product Description

TPO-25TQU is a 25% Talc-Filled, UV Stabilized, Thermoplastic Polyolefin

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Talc, 25% Filler by Weight
Appearance	• Colors Available
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Volume-Flow Rate (MVR)	20 cm ³ /10min	20 cm ³ /10min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3200 psi	22.1 MPa	ASTM D638
Flexural Modulus	212000 psi	1460 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	10 ft-lb/in	540 J/m	ASTM D256
Gardner Impact	187 in-lb	21.1 J	ASTM D5420

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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