

Technical Data Sheet

**Matrixx W66-0140 B**

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

W66-0140 B is a 40% wollastonite filled Nylon 6/6.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral, 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.50 g/cm ³	1.50 g/cm ³	ASTM D1505
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	13200 psi	90.7 MPa	ASTM D638
Flexural Modulus ² (2.00 in (50.8 mm) Span)	999000 psi	6890 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.80 ft·lb/in	43 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	400 °F	204 °C	ASTM D648

Notes

¹ Type I, 2.0 in/min (51 mm/min)

² 0.050 in/min (1.3 mm/min)

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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