



Matrixx W66-0140 B

Polyamide 66
LyondellBasell Industries
Engineering Plastics

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

General	
Filler / Reinforcement	• Mineral, 40% Filler by Weight
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.50 g/cm³	1.50 g/cm³	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.

