

## 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

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

| Physical                                                           | Nominal Value (English) | Nominal Value (SI)     | Test Method |
|--------------------------------------------------------------------|-------------------------|------------------------|-------------|
| Density                                                            | 1.50 g/cm <sup>3</sup>  | 1.50 g/cm <sup>3</sup> | ASTM D1505  |
| Mechanical                                                         | Nominal Value (English) | Nominal Value (SI)     | Test Method |
| Tensile Strength <sup>1</sup> (Yield)                              | 13200 psi               | 90.7 MPa               | ASTM D638   |
| Flexural Modulus <sup>2</sup> (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<br>264 Psi (1.8 Mpa), Unannealed | 400 °F                  | 204 °C                 | ASTM D648   |

### Notes

<sup>1</sup> Type I, 2.0 in/min (51 mm/min)

<sup>2</sup> 0.050 in/min (1.3 mm/min)

### Notes

These are typical property values not to be construed as specification limits.