

Technical Data Sheet

Matrixx WP63E40

Polyamide 6
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Mineral, 40% Filler by Weight		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.49	1.49 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	16500 psi	114 MPa	ASTM D638
Flexural Modulus - Tangent	1.10E+6 psi	7580 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	210 °F	98.9 °C	ASTM D648
RTI Str	150 °F	65.6 °C	UL 746B
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94

Notes

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