

Technical Data Sheet

Matrixx WP63E30

Polyamide 6
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Mineral, 30% Filler by Weight		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.39	1.39 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength			ASTM D638
Yield, 73°F (23°C), 0.125 In (3.18 Mm)	14900 psi	103 MPa	
Flexural Modulus			ASTM D790
73°F (23°C), 0.125 In (3.18 Mm)	880000 psi	6070 MPa	
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	0.90 ft·lb/in	48 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
RTI Elec	149 °F	65.0 °C	UL 746B
RTI Imp	149 °F	65.0 °C	UL 746B
RTI Str	149 °F	65.0 °C	UL 746B
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Reinforcement Content	30 %	30 %	ASTM D5630

Notes

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