

# Matrixx WP63E30

Polyamide 6

The Matrixx Group, Inc.

## Message:

Matrixx WP63E30 is a Polyamide 6 (Nylon 6) material filled with 30% mineral. It is available in North America. Primary attribute of Matrixx WP63E30: Flame Rated.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	103	MPa	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	6070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
RTI Elec	65.0	°C	UL 746
RTI Imp	65.0	°C	UL 746
RTI Str	65.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content	30	%	ASTM D5630

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## Recommended distributors for this material

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