

Matrixx WP63E40

Polyamide 6

The Matrixx Group, Inc.

Message:

Matrixx WP63E40 is a Polyamide 6 (Nylon 6) material filled with 40% mineral. It is available in North America. Primary attribute of Matrixx WP63E40: Flame Rated.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.20 to 0.50	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	114	MPa	ASTM D638
Flexural Modulus - Tangent	7580	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	98.9	°C	ASTM D648
RTI Str	65.6	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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