

1064 Multi-End Roving



Product Description

1064 Multi-End Roving from NEG is designed specifically for use with polyester and vinyl ester resin systems and it incorporates a sizing chemistry that imparts high composite properties to the end product. 1064 Multi-End Roving is typically used in applications that require high mechanical strength and corrosion resistance.

User Benefits

- Choice of outside (tubed) or inside (no-tube) payout.
- Multi-end roving of positive end count with superior yield control.
- Minimum catenary.
- Exceptionally high interfacial bonding between the resin and the fiber glass.
- Supported by NEG's global technical support service team.
- Manufacturing facilities operate quality management systems that comply with ISO 9001:2015 requirements.

Packaging

Bulk Pak (20 kg package)

- 48 packages/pallet
- 20 kg (44 lbs.)/package (avg.)

Bulk Pak (7.7 kg package)

- 108 packages/pallet
- 7.7 kg (17 lbs.)/package (avg.)

GLASS FOR FUTURE

1064 Multi-End Roving

Product Information

Type of Fiber	E-Glass (ASTM D 578-05, Section 4.2.2)		
Type of Sizing	Silane		
Roving Tex, nominal (g/km)	1145	2010	4030
Roving Yield, nominal (yd/lb)	433	247	123
Tex/Yield Tolerance (%)	±5.5	±5.5	±5.5
Average Fiber Diameter (µm)	13	13	13

Other Tex/Yield options are available upon request.
Contact your NEG Account Manager.

Storage

These products should be stored in a dry area with ambient temperature and relative humidity, optimally from 20°C to 25°C and between 50% and 70%, respectively. Protect product from all sources of water at all times. A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions. Prior to use, products should be conditioned in the work area for a minimum of 24 hours. If contents of a package unit are partially used, the unit should be closed until the next use. With proper storage, there are no known limitations on the shelf life of the product. To insure optimal performance, retesting is recommended for products stored more than two years from the initial production date.

Caution

To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two (2) high as noted on individual shipping containers.

NOTE: This data is offered for informational purposes only in the selection of a composite reinforcement. The information contained in this bulletin is based on actual laboratory data. We believe that this information is reliable, but do not guarantee its applicability to the process of the user or assume any liability arising out of its use or performance. The user, by accepting the products described, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial laminates when using this or any other reinforcement. *Because of numerous factors affecting the results, we make no warranty of any kind, expressed or implied, including those of merchantability and fitness for a particular purpose. Statements in this document shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law, safety code, or insurance regulation.*

More Information

<http://www.neg.co.jp/inquiry/>

<http://www.neg.co.jp/en/inquiry/>

Mechanical Properties

Interlaminar Shear Strength (ASTM D2344)

Horizontal Shear Dry (MPa/ksi)	= 61.3/8.9
Horizontal Shear Wet*(MPa/ksi)	= 53.7/7.8
Strength Retention (%)	= 87.7

*6 Hour water boil conditioning

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