

WR6

Single-end Roving



HIGH MECHANICAL PROPERTIES FOR WIND ENERGY

Product Description:

WR6 single-end roving product provides high mechanical strength with epoxy resin compatibility for industries that use woven glass fiber such as wind energy and marine. WR6 is produced from E-glass, which is suitable for weaving with its low cottoniness and very easy processability.




Features and Benefits:

- Manufacturing in accordance with ISO 9001:2015 conditions
- Easy unwinding
- Excellent processing behavior in weaving applications
- Very low fuzz generation during processing
- Excellent wet-out by matrix resin
- High strand integrity
- High mechanical properties

Product Specifications:

Glass Type	E	Moisture Content (%)	max. 0.1
Tex (g/1000 m)	136 / 300 / 410 / 600 / 900 / 1200 / 2400 / 4400 / 4800 ± 7%	Sizing Type	Silane
Fiber Diameter (μ)	12 / 14 / 16 / 16 / 16 / 17 / 17 / 23 / 23 ± 0.5	Sizing Content (%)	0.55 ± 0.15
		Resin Compatibility	Epoxy, Unsaturated Polyester, Vinylester

End-use Markets:

-  Wind Energy
-  Marine
-  Weaving Applications

Certification:



Roll Dimensions:

Inner Diameter (mm): 160
External Diameter (mm): 290
Height (mm): 250
Weight (kg): 18

Packing Information:

Packaging	Without Paper Body
Number of Layers per Pallet	4
Number of Bobbins per Layer	12
Number of Bobbins per Pallet	48
Pallet Dimensions (cm)	95x125
Pallet Height (cm)	125
Average Pallet Net Weight (kg)	860



Please scan the QR code for more detailed packaging information.

Storage Conditions:

Product should be stored in dry area at room temperature and relative humidity of approx 65%. Product should be conditioned for 24 hours in the work area prior to use. In case of partial usage, package should be re-sealed.

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