



BBT22.160.101.12

Article number FGMW0063

Technical Data Sheet

16th January 2014

BBT22.160.101.12 is a roving fabric in twill 2/2 weave.

1. Fabric

Weave		Twill 2/2
Weight, g/m ²	ISO 3374:2000	160 ± 5%
Thread type warp / weft		Basalt roving / basalt roving
Thread count, F/cm warp / weft		8 / 7
Width, cm	ISO 5025:1997	101
Thickness, mm	ISO 4603:1993	0.12
Combustibility, M0	NF P92-503:1995	Pass
Loss on ignition, % weight	ISO 1887:1995*	0.4 - 0.6
UV stability	ISO 105-B02	6
Color stability	ISO 1005-BX12	6

* After drying according to ISO 3344:1997

2. Basalt fiber

Fiber		Basalt continuous filament
Specific weight (without sizing), g/cm ³		2.67 ± 5%
Melting temperature, °C		1350 ± 100
Moisture content, % weight	ISO 3344:1997	0.1 ± 0.005

3. Sizing standard no. 12**

Sizing	Epoxy silane
Sizing content	>0,4 % weight
Compatibility	Epoxy resin (EP), phenolic resin (PF)
Processing	Laminate, prepreg
Application	Laminates, fire protection, thermal and sound insulation, textile reinforcing concrete, reinforced structural parts, boat building, mold making, container etc.

**Other sizing types available by order over 500-3000 sq m.

4. Packaging and storage

Roll length, internal diameter of the tube on request. Standard packing.

Basalt fabrics should be stored in the package at the stock (indoor conditions). Rolls should be placed parallel to each other.