

DATASHEET

Woven roving

Style	GW 123-580 K2		
Technical characteristics			
	Unit	Nominal value	Test method
Glass composition	E glass		
Weight per unit area	g/m ²	580	ISO 3374
Deviation from the nominal value	%	± 5	
Material	Warp Weft	≤ 1200 tex ≤ 1200 tex	DIN EN 14020 DIN EN 14020
Thread count	Warp Weft	25 threads/ 10cm 23 threads/ 10cm	ISO 4602
Humidity	%	≤ 0,1	DIN EN ISO 3344
Fabric weave	Twill 2/2		
Weft threads	leno		
Free length of the weft rovings	mm	≤ 15	
Width *	cm	100	ISO 5025
Deviation from the nominal value	%	± 1,5	
Type of size	suitable for UP-, EP-and VE resins		
Coupling agent		silane	
Internal tube diameter	mm	100	

* other roll widths and lengths on request

Mechanical laminate properties (UP)			
Matrix	Unit	Approximate value*	Test method
Glass content	%	60	DIN EN ISO 1172
Tensile strength, dry	N/mm ²	> 325	DIN EN ISO 527-4
Flexural strength, dry	N/mm ²	> 350	DIN EN ISO 14125
Flexural modulus	N/mm	> 14000	DIN EN ISO 14125

* Approximate values shouldn't be used for constructional purposes.

Safety information	
Toxicological behaviour	toxicologically harmless, non-respirable

Packing	Rolls and pallets wrapped in stretch film
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Storage	In original packing. Keep dry. Storage temperature < 35°C. The product should be conditioned for 24 hours at room temperature in the working area prior to use.
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