

## GLASS FILAMENT FABRICS for PLASTICS REINFORCEMENT

### PRODUCT SPECIFICATION

		<b>Specification</b>		
<b>Style Number</b>	<b>92115</b>	MIL-Y-1140H		
<b>US Style</b>		AMS / MIL-C-9084		
<b>WLB No.</b>		DIN 65066		
<b>British Standard</b>		BS 3396		
<b>Finish/Designation</b>		FK144		
		<b>Unit</b>	<b>Tolerance Specification</b>	
<b>Weave pattern</b>		Plain		DIN ISO 9354
Area weight	g / m <sup>2</sup>	280,0	± 5%	DIN EN 12127
<b>Yarn</b>	tex			DIN EN 12654
warp yarn		EC9-68x3t0		
weft yarn		EC9-204		
<b>Fibre count</b>	1 / cm			DIN EN 1049
warp ends		7,0	± 5%	
weft picks		6,5	± 5%	
<b>Temperature resistance 1)</b>				
Continuous load	°C	260		
Short time resistance	°C	600		
<b>Moisture content</b>	%	< 0,2		DIN EN 3616
<b>Finish content</b>	%	0,08 - 0,28		DIN ISO 1887
				DIN EN 60
<b>Thickness (approx. dry)</b>	mm	0,30	± 5%	DIN ISO 4603/E
in laminate (43% Vol.)	mm	0,25	± 5%	

All statements herein are expressions of opinion which we believe to be accurate and reliable, but are presented without guarantee or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use in the infringement of any patent. No patent warranty of any kind, express or implied, is made or intended.

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	Unit	Standard	P-D ITG	Tolerance	Specification
<b>Style Number</b>		<b>92115</b>		<b>/ FK144</b>	
<b>Tensile Strength</b>					ASTM D 4029
warp	N/cm			>	
weft	N/cm			>	
<b>Tensile strength</b>					DIN EN 2747
warp	MPa	360		>	
weft	MPa	360		>	
<b>Young's-Modulus</b>					
warp	GPa	20		>	
weft	GPa	20		>	
<b>Compression strength</b>					DIN 53454
warp	MPa	310		>	DIN 65380
weft	MPa			>	DIN prEN 2580
<b>Compression-Modulus</b>					
warp	GPa			>	
weft	GPa			>	
<b>Interlaminar shear strength</b>					DIN EN 2377
warp	MPa			>	
weft	MPa			>	
<b>Flexural strength</b>					DIN EN 2746
warp	MPa			>	
weft	MPa			>	
<b>Flexural-Modulus</b>					
warp	GPa			>	
weft	GPa			>	

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**Remarks**

- 1) Temperature resistance for dry fabrics