



## TECHNICAL DATA SHEET

### 05507-FK144

05507-FK144 is a light weight twill weave glass fibre fabric, treated with FK144. FK144 is a multifunctional finish designed to give a softer handle for hand layup fabrication. FK144 is compatible for most Polyester, epoxy and vinyl ester resin systems.

Style 05507 has been designed with a Malleable weave which allows for fast penetration of resin flow in a hand-lay-up and tooling, composite end-use.

### Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp	EC9 – 136	± 5%	DIN EN 12654
	Weft	EC9 – 136		
Thread Count	Warp	8.0 per 1 cm	± 5%	DIN EN 1049
	Weft	6.5 per 1 cm		
Tensile Strength (typical)	Warp	600 N/cm		DIN EN 12654
	Weft	480 N/cm		
Weight		200 g/m <sup>2</sup>	± 5%	DIN EN 12127
Weave		2/2 Twill		DIN ISO 9354
Finished Fabric				
Coating		Volan treated after heat cleaning		
Weight		199 g/m <sup>2</sup>	± 10%	DIN EN 12127
Thickness (typical)		0.24 mm	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp	250 N/cm		DIN ISO 4606
	Weft	200 N/cm		
Organic content (typical)		<1%		

**Important** - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes.