

TECHNICAL DATA SHEET

4452-FK801

4452-FK801 is a medium weight satin weave glass fibre fabric treated with a multifunctional amino silane finish. Style 4452 is an open weave reinforcement fabric with maximum flexibility it is woven with a reinforced selvedge to maintain stability during manufacture and application. The fabric is suitable for use with a wide range of resin systems including epoxy, phenolic, polyester and vinylester. The soft drape and good handle make it ideal for hand lay-up work where the fabric is required to mould to small radii and compound curves.

Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp	EC9 – 68	± 5%	DIN EN 12654
	Weft	EC11 – 204		
Thread Count	Warp	20.5 per 1 cm	± 5%	DIN EN 1049
	Weft	7.0 per 1 cm		
Tensile Strength (typical)	Warp	850 N/cm		DIN EN 12654
	Weft	800 N/cm		
Weight		288 g/m ²	± 5%	DIN EN 12127
Weave		4 shaft satin		DIN ISO 9354
Finished Fabric				
Coating		silane treated after heat cleaning		
Weight		285 g/m ²	± 10%	DIN EN 12127
Thickness (typical)		0.31 mm	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp	300 N/cm		DIN ISO 4606
	Weft	300 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.