

TECHNICAL DATA SHEET

02037-FE800 (SAP 306) / 02037-FK800 (SAP 611)

02037-FE/FK 800 is a light weight plain weave glass fibre fabric (US Style 1080), treated with a multifunctional amino silane finish designed for the electronics and composites reinforcement industries. The FE800/FK800 finish is compatible with most polyester, epoxy and vinyl ester resin systems.

Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp	EC5 – 11	± 5%	DIN EN 12654
	Weft	EC5 – 11		
Thread Count	Warp	23.7 per 1 cm	± 5%	DIN EN 1049
	Weft	18.5 per 1 cm		
Tensile Strength (typical)	Warp	200 N/cm		DIN ISO 4606
	Weft	150 N/cm		
Weight		49 g/m ²	± 5%	DIN EN 12127
Weave		Plain		DIN ISO 9354
Finished Fabric				
Coating		Amino silane treated after heat cleaning		
Weight		49 g/m ²	± 10%	DIN EN 12127
Thickness (typical)		0.06 mm	Nominal	DIN ISO 4603/E
Tensile Strength (typical)	Warp	100 N/cm		DIN ISO 4606
	Weft	80 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.