



TECHNICAL DATA SHEET

02034-FK800

02034-FK 800 is a light weight plain weave glass fibre fabric (US Style 106), treated with FK800. FK800 is a multifunctional amino silane finish designed for the composites industry. FK800 is compatible with most Polyester, epoxy and vinyl ester resin systems.

This product is used for a wide variety of end uses in lightweight composite manufacture and aero modelling.

Technical data:

Base Fabric			Tolerance	Test Methods
Yarn	Warp	EC5 – 5.5	± 5%	DIN EN 12654
	Weft	EC5 – 5.5		
Thread Count	Warp	22 per 1 cm	± 5%	DIN EN 1049
	Weft	22 per 1 cm		
Weight		25 g/m ²	± 5%	DIN 12127
Tensile Strength (typical)	Warp	85		ISO 4606
	Weft	85		
Weave		Plain		DIN ISO 9354
Finished Fabric				
Coating		Amino silane treated after heat cleaning		
Weight		24.5 g/m ²	± 10%	DIN 12127
Thickness (typical)		0.06 mm	± 10%	ISO 4603/E
Tensile Strength (typical)	Warp	40 N/cm		ISO 4606
	Weft	35 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.