

DATASHEET: 92100-FK144 (SAP code 045)

Description

92100-FK144 is a light weight plain weave glass fibre fabric constructed with singles yarns and treated with a multifunctional finish suitable for hand lay ups with polyester, epoxy, vinyl ester resin systems. This material has a fast wet-out and soft handle.

Base Fabric		Technical Data		Tolerance	Test Methods
Yarn	Warp	EC9 -136		± 5%	DIN EN 12654
	Weft	EC9 -136			
Thread Count					
	Warp	6.0	per 1 cm	± 5%	DIN EN 1049
	Weft	5.8	per 1 cm		
Tensile Strength (typical)					ISO 4606
	Warp	500	N/cm		
	Weft	450	N/cm		
Weight		163	g/m2	± 5%	DIN EN 12127
Weave		Plain			DIN ISO 9354
Finished Fabric					
Coating		Silane/Volan treated after heat cleaning			
Weight		163	g/m2	± 10%	DIN EN 12127
Thickness (typical)		0.22	mm	± 10%	ISO 4603/E
Tensile Strength (typical)	Warp	180	N/cm	.	ISO 4606
	Weft	140	N/cm		
Organic content (typical)		<0.3%			

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. All Valmiera Glass materials described herein are sold subject to the Valmiera Glass conditions of sale, a copy of which is available on request.

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