

DATASHEET: 92145-FK144

Description

92145-FK144 is a medium weight plain weave glass fibre fabric, treated with FK144. FK144 is a multifunctional finish designed to give a softer handle for hand lay up fabrication. FK144 is compatible for most Polyester, epoxy and vinyl ester resin systems.

This glass finish combination is particularly suitable for tight radius fabrication and compound curves.

Base Fabric		Technical Data		Tolerance	Test Methods
Yarn	Warp	EC9 -68		± 5%	DIN EN 12654
	Weft	EC7 -22			
Thread Count	Warp	5.9	per 1 cm	± 5%	DIN EN 1049
	Weft	7.0	per 1 cm		
Tensile Strength (typical)					DIN EN 12654
	Warp	1000	N/cm		
	Weft	150	N/cm		
Weight		223	g/m2	± 5%	DIN EN 12127
Weave		Plain			DIN ISO 9354
Finished Fabric					
Coating		Volan treated after heat cleaning			
Weight		222	g/m2	± 10%	DIN EN 12127
Thickness (typical)		0.17	mm	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp	TBC	N/cm	.	DIN ISO 4606
	Weft	TBC	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. 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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