TECHNICAL DATASHEET: 92125-FK144

Description

Reinforcement textile glass: 92125-FK144. Medium weight plain weave glass fibre fabric treated with FK144 finish.

FK144. A multifunctional finish which has a high performance silane cross-linking adhesion promoter combined with the softening and anti-static benefits of Volan. Good performance over a wide range of resin systems and applications. Effective with a variety of thermosetting resin systems such as phenolic, epoxy, polyester and vinyl ester.

The combination of plain weave and soft, multifunctional finish makes this a product suited to both large and small scale hand-layup work where good fabric manageability is required.

Technical Data

Base Fabric				**Tolerance**	**Test Methods**
Yarn	Warp Weft	EC9 -68 (x3) EC9 -204			DIN EN 12654
Thread Count					
	Warp Weft	7.0 6.5	per 1 cm per 1 cm	± 5%	DIN EN 1049
Weight		282	g/m^2	± 5%	DIN EN 12127
Weave		Plain weave			DIN ISO 9354
Finished Fabric					
Treatment		Silane/Volan finish after heat cleaning			
Weight (production average)		280	g/m2	± 5%	DIN EN 12127
Thickness (typical)		0.30	mm	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp Weft	300 275	N/cm N/cm		DIN ISO 4606
Organic content (typical)		<0.3%			ISO 1887

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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