

TECHNICAL DATA SHEET: 200g Twill Weave Glass Cloth

Description

05507-FK144 is a light 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. Style 05507 has been designed with a Malleable weave which allows for fast penetration of resin flow in a hand-lay-up and tooling, composite end-use.

Base Fabric		Technical Data		Tolerance	Test Methods
Yarn	Warp Weft	EC9 -136 EC9 -136		± 5%	DIN EN 12654
Thread Count	Warp Weft	8.0 6.5	per 1 cm per 1 cm	± 5%	DIN EN 1049
Tensile Strength (typical)	Warp Weft	600 480	N/cm N/cm		DIN EN 12654
Weight		200	g/m ²	± 5%	DIN EN 12127
Weave		2x2 Twill			DIN ISO 9354
Finished Fabric					
Coating		Volan treated after heat cleaning			
Weight		199	g/m ²	± 10%	DIN EN 12127
Thickness (typical)		0.24	mm	± 10%	DIN ISO 4603/E
Tensile Strength (typical)	Warp Weft	250 200	N/cm N/cm	.	DIN ISO 4606
Organic content (typical)		<1%			