



VL8101 – 3/8 oz/ft² Pultrusion Reinforcement mat

PRODUCT DESCRIPTION

VL 8101 is composed of chopped filaments of Advantex glass fiber, 16 micron in diameter, with a nominal length of 1.25 inches, bonded together with a styrene insoluble binder system designed for pultrusion processes.



TECHNICAL CHARACTERISTICS (nominal values)

PROPERTY	TEST METHOD	UNIT	SPECIFICATION NOMINAL	NORMAL LIMITATIONS	
				MAX.	MINI.
Area Weight	TAPPI T - 410	#/csf	2.35	2.50	2.20
		gr/m ²	115	122	107
		oz/ft ²	0.38	0.40	0.35
Binder Content	Add On	%	10	-	-
Tensile Strength md	TAPPI T - 494	Lbf/2" ²	30	-	25
Tensile Strength cd	TAPPI T - 494	Lbf/2" ²	25	-	16
Tensile Strength Ratio	TAPPI T - 494	md/cd	1.2	1.9	1.0
Thickness		mils	50	-	40



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