



# VL8101 – 1 oz/ft<sup>2</sup> Pultrusion Reinforcement mat

### PRODUCT DESCRIPTION

VL 8101 is composed of chopped filaments of Advantex glass fiber, 23 micron in diameter, with a nominal length of 1.5 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	6.2	6.65	5.75
		gr/m <sup>2</sup>	303	325	281
		oz/ft <sup>2</sup>	1	1.06	0.92
Binder Content	Add On	%	8	-	6.5
Tensile Strength md	TAPPI T - 494	Lbf/2" <sup>2</sup>	30	-	25
Tensile Strength cd	TAPPI T - 494	Lbf/2" <sup>2</sup>	25	-	16
Tensile Strength Ratio	TAPPI T - 494	md/cd	1.2	1.9	1.0
Thickness		mils	115	-	93



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