



200 Tillessen Blvd, Ridgeway, SC USA 29130

Style 1165

Generic Description: 3.70 oz. per square yard (125.45 g/m²) plain weave fiberglass fabric

Product Description: ASTM Style 1165

Property	Description	Value and Tolerance		Test Method
		English	Metric	
Weave Type	Plain			ASTM 579
Finish	Greige			
Warp count		60 +/- 2 epi	23.6 +/- 0.8 epc	ASTM D 3775
Fill count		52 +/- 2 ppi	20.5 +/- 0.8 ppc	ASTM D 3775
Warp Yarn Type		ECD 450 1/2	EC 5 11 1X2	ASTM D 579
Fill Yarn Type		ECG 150 1/0	EC 9 33 1x0	ASTM D 579
Selvedge	Feathered	0.375 +/- 0.250	9.53 +/- 6.35	Visual
Roll Splice	Lapped Splice	Max - 2 splices / roll Minimum 50 LY between splices	Max - 2 splices / roll Minimum 45.7 LM between splices	Roll Splice
Color	White			Visual

Physical Properties:

Property	Description	Value and Tolerance		Test Method
		English	Metric	
LOI		< 4%	< 4%	ASTM D 4963
Greige Weight		3.70 OSY +/- 10%	125.45 g/m ² +/- 10%	ASTM D 3776
Thickness		0.0042 +/- 0.0010 in	0.1067 +/- 0.025 mm	ASTM D 1777
Warp Breaking strength		125 lb/in. minimum	218.8 N/cm minimum	ASTM D 5035
Weft Breaking Strength		140 lb/in. minimum	245.2 N/cm minimum	ASTM D 5035

Packaging and Labeling

Core ID and thickness	3 in. ID, 4 in. OD. standard core
Shipping Requirements	Best way