



200 Tillessen Blvd, Ridgeway, SC USA 29130

Style 1161

Generic Description: 3.87 oz. per square yard (131 g/m²) plain weave fiberglass fabric

Product Description: ASTM Style 1161

Property	Description	Value and Tolerance		Test Method
		English	Metric	
Weave Type	Plain			ASTM D 579
Finish	Greige			
Warp count		100 +/- 2 epi	39.4 +/- 0.8 epc	ASTM D 3775
Fill count		42 +/- 2 ppi	16.5 +/- 0.8 ppc	ASTM D 3775
Warp Yarn Type		ECD 450 1/0	EC 5 11 1X0	ASTM D 579
Fill Yarn Type		ECDE 100 1/0	EC 6 51 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		3.87 OSY +/- 10%	131 g/m ² +/- 10%	ASTM D 3776
Thickness		0.0048 +/- 0.0010 in	0.122 +/- 0.025 mm	ASTM D 1777
Warp Breaking strength		120 lb/in. minimum	210.2 N/cm minimum	ASTM D 5035
Weft Breaking Strength		175 lb/in. minimum	306.4 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