



200 Tillessen Blvd, Ridgeway, SC USA 29130

Style 7642

Generic Description: 6.70 oz. per square yard (227 g/m²) plain weave fiberglass fabric

Product Description: ASTM Style 7642

Property	Description	Value and Tolerance		Test Method
		English	Metric	
Weave Type	Plain			ASTM D 579
Finish	Greige			
Warp count		44 +/- 2 epi	17.3 +/- 0.8 epc	ASTM D 3775
Fill count		20 +/- 2 ppi	7.9 +/- 0.8 ppc	ASTM D 3775
Warp Yarn Type		ECG 75 1/0	EC9 68 1x0	ASTM D 579
Fill Yarn Type		ETG 37 1/0	ET9 134 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		6.70 OSY +/- 6%	227.0 g/m ² +/- 6%	ASTM D 3776
Thickness		0.0092 +/- 0.001 in	0.234 +/- 0.025 mm	ASTM D 1777
Warp Breaking Strength		325 lbs/in minimum	569 N/cm minimum	ASTM D 5035
Fill Breaking Strength		110 lbs/in minimum	192 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