



200 Tillessen Blvd, Ridgeway, SC USA 29130

### Style 1078

**Generic Description:** 1.41 oz. per square yard (47.8 g/m<sup>2</sup>) plain weave fiberglass fabric

**Product Description:** IPC Style 1078

| Property       | Description   | Value and Tolerance                                     |   | Test Method |
|----------------|---------------|---|---|-------------|
|                |               | English   | Metric  |             |
| Weave Type     | Plain         |   |   | ASTM D 579  |
| Finish         | Greige        |   |   |             |
| Warp count     |               | 54 +/- 2 epi  | 21.3 +/- 0.8 epc  | ASTM D 3775 |
| Fill count     |               | 54 +/- 2 ppi  | 21.3 +/- 0.8 ppc  | ASTM D 3775 |
| Warp Yarn Type |               | ECD 450 1/0   | EC 5 11 1X0   | ASTM D 579  |
| Fill Yarn Type |               | ECD 450 1/0   | EC 5 11 1x0   | ASTM D 579  |
| Selvedge       | Feathered     | 0.375 +/- 0.250   | 9.53 +/- 6.35   | Visual      |
| Roll Splice    | Lapped Splice | Max - 2 splices / roll<br>Minimum 50 LY between splices | Max - 2 splices / roll<br>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          |             | 1.41 OSY +/- 10%     | 47.8 g/m <sup>2</sup> +/- 10% | ASTM D 3776 |
| Thickness              |             | 0.0017 +/- 0.0005 in | 0.0432 +/- 0.013 mm           | ASTM D 1777 |
| Warp Breaking strength |             | 100 lb/in. minimum   | 175.2 N/cm minimum            | ASTM D 5035 |
| Weft Breaking Strength |             | 15 lb/in. minimum    | 26.2 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                          |