

**General Data**

|                     |                              |                              |
|---------------------|------------------------------|------------------------------|
| Product Name        | <b>FLP550SW</b>              | Grade : <b>A+</b>            |
| Product Description | <b>Fiber:</b> Polyester- PET | <b>Scrim:</b> Polyester- PET |

**Physical Properties**

| Parameter           | Unit             | Value    | Test Method Standard |
|---------------------|------------------|----------|----------------------|
| Weight وزن واحد سطح | g/m <sup>2</sup> | 550 ± 45 | ISO 9073-1           |
| Thickness ضخامت کل  | mm               | 2 ± 0.2  | ISO 9073-2           |
| Width محدوده عرض    | cm               | 205-215  | ASTM D3774           |

**Mechanical and Hydraulic Properties**

| Parameter                                       | Unit                                                           | Value             | Test Method Standard  |
|-------------------------------------------------|----------------------------------------------------------------|-------------------|-----------------------|
| Tensile Strength استحکام کششی                   | MD - (N / 50 mm)<br>CD - (N / 50 mm)                           | ≥950<br>≥900      | ISO 9073-3            |
| Tensile Elongation ازدیاد طول کششی              | MD - (%)<br>CD - (%)                                           | ≤75<br>≤80        | ISO 9073-3            |
| Air Permeability نفوذپذیری هوا در فشار 200Pa    | L/dm <sup>2</sup> .min @ 200Pa<br>L/m <sup>2</sup> . s @ 200Pa | 90-160<br>150-265 | ISO 9237              |
| Heat Shrinkage جمع شدگی حرارتی                  | MD - %<br>CD - %                                               | NPD               | ASTM D1204            |
| Operating temperature دمای کاری مداوم و لحظه ای | Continuous- (°C)<br>Peak- (°C)                                 | NPD               | ISO 11358 - ISO 11357 |
| Wetting Time زمان جذب قطره                      | Sec                                                            | NPD               | AATCC 79              |
| Electrical Resistivity مقاومت الکتریکی          | Ω                                                              | NPD               | IEC-61340 - ASTM D257 |

**Treatment**

|                                                      |                                                    |
|------------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Calendered کلندر | <input type="checkbox"/> Anti- Static آنتی استاتیک |
| <input checked="" type="checkbox"/> Needle-Punched   | <input type="checkbox"/> Water Repellent آبگریز    |
| <input checked="" type="checkbox"/> Singeing پرزسوز  | <input type="checkbox"/> PTFE Coated               |
| • One-Side    ○ Both-Side    ○ Deep Singed           |                                                    |

The above-mentioned data have been determined according to the averages obtained from a series of typical results by our lab and are intended just for reference. The technical information is subject to changes, usual tolerances apply.

**Office Contact Information**

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