

# Technical data sheet

**Media Type:** PE 550 S

**Description:** Multifilament scrim-supported anti-static needle felt

**Composition:** Polyester with anti-static carbon fibre blended

SAMPLES  
AVAILABLE  
ON REQUEST

<b>Weight</b>		550 +/- 20	gr/m <sup>2</sup>
<b>Thickness</b>		1.8 +/- 0.2	mm under 20 gr/cm <sup>2</sup> pressure
<b>Airpermeability</b>		7.2-9.6	m <sup>3</sup> /m <sup>2</sup> /min @ 12.7 mm W.G
<b>Tensile strength</b>	down	110 +/- 20	kg/5cm width
	cross	130 +/- 20	kg/5cm width
<b>Elongation</b>	down	75 +/- 10	% at break (KSK 0521)
	cross	60 +/- 10	% at break (KSK 0521)
<b>Bursting strength</b>		40 +/- 5	kg/cm <sup>2</sup>
<b>Operating temperature</b>		130	°c (dry heat)
<b>Max. surge temperature</b>		150	°c (dry heat)
<b>Surface resistance</b>		10 <sup>6</sup> - 10 <sup>8</sup>	ohm (ASTM D 257)
<b>Finish</b>			heat set & singed one side