



**CHOPPED STRAND**  
**TECHNICAL DATA SHEET**  
**E-Glass**

**I. Product Designation:**

The product grade designation system incorporates: The glass chemistry (E-Glass), the fiber size designation in  $\mu$ , the fiber length in mm and the binder type:

Example: EC 6 - 6 - SCG

**II. Nominal Physical Properties:**

Sizing Type	Chopped Strand Diameter DIN ISO 1888					Chop/ Cut Length					L.O.I. DIN ISO 1887	Moisture Content DIN ISO 3344
	$\mu$ m					mm						
	6	7	9	11	13	3	6	9	12	24	%	%
SCG (Silane)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	0.1 – 0.4	8 ± 3
SC (Silane)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	0.1 – 0.4	8 ± 3
SP (PVA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	0.1 – 0.4	8 ± 3
Safety indication:	Toxicologically not dangerous, not breathable.											
Packaging:	Sealed in plastic bag, packed in carton on wooden palette. Weight: 54 lbs/bag (wet), 40 bags/Carton, 2,160 lbs./Carton											
Storage:	Store in original packaging, temperature between 50 - 77 °F, humidity between 55 - 85%											

**III. Chemical Properties:**

GLASS COMPOSITION	SiO <sub>2</sub>	B <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub>	CaO	MgO	Na <sub>2</sub> O+K <sub>2</sub> O	Fe <sub>2</sub> O <sub>3</sub>	F <sub>2</sub>
<b>E-Glass (%)</b>	53.5 ±0.5	8.0 ±0.2	14.5 ±0.5	21.7 ±0.5	1.1 ±0.5	<0.7%	< 0.4	< 0.3