



DESCRIPTION

Designed as an additive for papermaking or reinforcement for composite materials, our Chopped Strand is made of high purity, high temperature E-glass fiber. These fibers can be used in conjunction with our glass microfiber, or as stand-alone products depending on the needs of the specific application.

GENERAL CHARACTERISTICS

- E-Glass electrical grade composition exhibiting low dielectric properties
- Filament diameters: 6 μ m & 11 μ m
- Cut lengths available in 6mm and 12mm
- Sizing types: Silane, Starch, or Polyvinyl Alcohol (PVA)
- Wet chop: 8-12% moisture content
- Packed in plastic bags in palletized cardboard boxes

TYPICAL APPLICATIONS

- Filtration media
- Adhesives
- Surfacing veils
- Friction materials
- Automotive and industrial papers

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

Contact Us

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CHOPPED STRAND

Product Grade Designation	Glass Chemical Composition	Nominal Fiber Diameter (μm : microns)	Chop/ Cut Length (mm)	Sizing Code	Sizing Type	L.O.I. (Max %) DIN ISO 1887	Moisture Content (%) DIN ISO 3344
EC	E-Glass	6.0 μm	6 or 12mm	SC	Silane	0.4	8 +/- 3
EC	E-Glass	11.0 μm	6 or 12mm	SC	Silane	0.4	8 +/- 3
EC	E-Glass	6.0 μm	6 or 12mm	SP	PVA	0.4	8 +/- 3
EC	E-Glass	11.0 μm	6 or 12mm	SP	PVA	0.4	8 +/- 3
EC	E-Glass	6.0 μm	6 or 12mm	SCG	Silane	0.4	8 or 10 +/- 3
EC	E-Glass	11.0 μm	6 or 12mm	SCG	Silane	0.4	8 or 10 +/- 3
EC	E-Glass	6.0 μm	6 or 12mm	SI	Starch	0.6	6 +/- 2

TYPICAL CHEMICAL ANALYSIS (WT%)

Glass Composition	
	E-Glass
SiO ₂	52.0 - 55.0
B ₂ O ₃	7.8 - 8.2
Al ₂ O ₄	14.0 - 15.0
CaO	21.2 - 22.2
MgO	0.6 - 1.6
Na ₂ O	< 0.50
K ₂ O	< 0.40
Fe ₂ O ₃	< 0.40
F ₂	< 0.30

AVAILABILITY

Chopped Strand Fibers are available as standard in 20kg and 25kg sealed plastic bags, packed in a carton, and palletized. Packaging type and weight vary by geographical location.

HANDLING INFORMATION

A Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.