



Glass Fibers – Chopped Strand

CAS No.: 09008-84-9

DESCRIPTION

Chopped strand glass fibers are composed of E-glass (calcium aluminoborosilicate) with low dielectric properties and high thermal stability. These characteristics make them suitable for reinforcing composite materials and for use in fire-resistant applications. Standard length is 12 mm; other lengths (3 mm, 6 mm, 18 mm) are available upon request.

KEY FEATURES

- High tensile strength and modulus
- Excellent thermal and dimensional stability
- Low dielectric constant and good electrical insulation
- Chemical and moisture resistance
- Uniform fiber length for consistent dispersion
- Compatible with various resins and matrices

APPLICATIONS

- Reinforcement in gypsum and fiberglass composites
- Papermaking and filtration media
- Adhesives and coatings
- Surfacing veils and specialty composites

TYPICAL SPECIFICATIONS

Parameter	Specification
Filament diameter (µm)	~13
Yarn density (TEX)	150 ± 20
Moisture content (%)	< 0.2

(Values are typical and not intended as guaranteed specifications.)



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This document is subject to revision without notice as new data becomes available.

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PACKAGING

- 25 kg kraft paper bags on pallets
- Super sacks available upon request

STORAGE

Store in a dry location, away from direct sunlight and humidity. Keep sealed in original packaging.

SAFETY

Avoid dust generation during handling.
Use appropriate PPE to prevent eye or skin irritation.
Refer to the Safety Data Sheet (SDS) for detailed information on safe handling, storage, and disposal.