



CS1530 INTEGRITY AND STRENGTH

CS1530 Wet Used Chopped glass fiber represents a compelling reinforcement solution, through optimizing the wallboard manufacturing process while increasing product performance. Made from Advantex® glass fibers with an engineered chemical sizing that enhances fiber processing in wallboard manufacturing.

WET USED CHOPPED STRAND FOR WALLBOARD

Product Benefits

Ease of Processing

- Stable fiber dosage performance in customer vibratory feed systems, leading to improved consistency of fiber content in wallboard.
- 66% reduced drift in target fiber feed rate over time - 50% reduction in fiber feed rate variability over time.

Strength

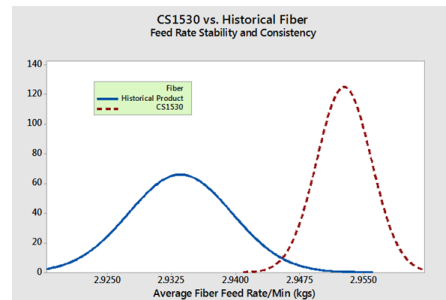
- Improves flexural strength by +28% and shear strength by +13% vs. un-reinforced wallboard.

More Uptime

- The product helps with reduced line downtime, reduced scrap rate and reduced fiber feed maintenance.

Fire Safety

- Meets UL 263 and CAN/ULC S101 standards for fire endurance testing.

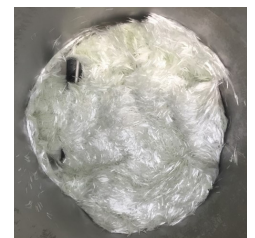


Improved Stability and Reduced Variability in Fiber Dosage Rate

CS1530
1.1 kg



Historical
7.6 kg



Reduced Fiber Build-up in Vibratory Feed Systems

* Chart and photos representative of extended evaluation of fibers in an R&D vibratory feed system.

Application

Designed for uniform core reinforcement in fire rated wallboards and standard interior wallboards where improved flexural strength is required.

Technical Characteristics (Nominal Values)

Fiber diameter is controlled during the intermediate fiber forming process. Actual diameters are measured on an audit basis as required with Owens Corning Test Method D-02C.
LSL: Lower Specification Limit. USL: Upper Specification Limit.

% MOISTURE CONTENT			% SIZE SOLIDS CONTENT			FIBER DIAMETER (μ)		
LSL	NOM	USL	LSL	NOM	USL	LSL	NOM	USL
5.3	6.8	8.3	.09	.12	.15	14.4	16	17.6

Availability

MANUFACTURING REGION	PRODUCT	FIBER LENGTH
USA	CS1530	13mm (1/2")

Packaging

Packaging options are listed below. Please check with Owens Corning Account Manager for additional packaging options and details.

- 22.5 kg individual bag (952 kg total pallet weight)
- 453 kg corrugated carton
- 1,451 kg bottom dump bulk sack
- 907 kg bulk sack in corrugated carton (Export).

Labeling

Each bulk sack or carton will be identified with product identification, manufacturing date, gross/net weight in kgs. A unique unit identifier will be displayed for product traceability. Minimum of four labels are included on each unit.

Storage

CS1530 products are packaged and sealed to retain moisture. Product should be used in a First In - First Out basis. Small amounts of product moisture loss can occur over time. Recommended shelf life is 6 months to avoid impact on customer processing.

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