



## Chopped Strands 558 for phenolic resins

Chopped Strands 558 are specifically designed to reinforce phenolic resins. Coated with a silane-based sizing chopped strands 558 have excellent dry flowability and good dispersion. 558 is designed for use in compression molding processes and used to manufacture various brake shoe facings, clutch facings and friction plates.

### SPECIFICATIONS

Type of Glass  
E-Glass (E)

Type of Fiberglass  
Chopped Strands (CS)

Chop Length  
3, 6, 12 mm

Filament Diameter  
13 microns

Most Common Sizes  
ECS13-12-558

### FEATURES

- Excellent flowability
- Excellent mechanical properties
- Excellent processing properties
- Good dispersion
- Good strand integrity
- Low fuzz
- Low static

### RESIN COMPATIBILITY

- Phenolic resins

### USES

- Brake shoe facings
- Clutch facings
- Friction plates

### TECHNICAL PARAMETERS

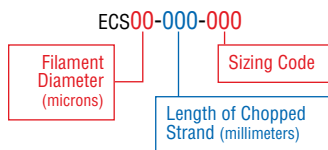
Filament Diameter (%)  
ISO 1888  
± 10

Moisture Content (%)  
ISO 3344  
≤ 0.10

Size Content (%)  
ISO 1887  
0.85 ± 0.15

Chop Length (mm)  
Q/JS J0361  
± 1.0

### CHOPPED STRAND NOMENCLATURE



# PACKAGING STORAGE

## Chopped Strands 558 for phenolic resins



Bulk Bag



Carton box



Composite plastic woven bags

### PACKAGING

Chopped strands can be packaged in bulk bags, heavy-duty boxes or composite plastic woven bags. For example: Bulk bags can hold 900-1000 kg each. Cardboard boxes and Composite plastic woven bags can hold 15-25 kg each.

#### Bulk Bag:

Length	1030 mm (40.55 in)
Width	1030 mm (40.55 in)
Height	1100 mm (43.3 in)

#### Carton box:

Length	355 mm (13.98 in)
Width	355 mm (13.98 in)
Height	270 mm (10.63 in)

#### Composite plastic woven bag:

Length	850 mm (33.46 in)
Width	500 mm (19.68 in)
Height	120 mm (4.72 in)

### STORAGE

Unless otherwise specified, fiberglass products should be stored in a dry, cool and moisture-proof area. Room temperature and humidity should always be maintained at 15°C – 35°C, 35% – 65% respectively.

Best used within 12 months after production date. Fiberglass products should remain in their original packaging until just prior to use.