



Chopped Strands 552B for BMC

Chopped Strands 552B are designed for manufacturing BMC premix thermosetting composites. 552B is coated with silane-based sizing compatible with unsaturated polyester and vinyl ester resin systems. The unique sizing formulation provides excellent mechanical property and outstanding impact strength in the end products.

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
ECS13-12-552B

FEATURES

- Consistent dispersion in resins ensuring good processing properties
- Excellent color matching properties
- Excellent mechanical properties
- Excellent pigmentation
- Good flowability
- Good strand integrity
- Low fuzz
- Low static

RESIN COMPATIBILITY:

- Unsaturated polyester
- Vinyl ester

USES:

- Building & construction
- Electrical & electronic applications
- Light industries
- Medical appliances
- Transportation

TECHNICAL PARAMETERS

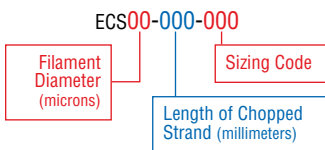
Filament Diameter (%)
ISO 1888
± 10

Moisture Content (%)
ISO 3344
≤ 0.10

Size Content (%)
ISO 1887
1.70 ± 0.15

Chop Length (mm)
Q/JS J0361
± 1.0

CHOPPED STRAND NOMENCLATURE



Chopped Strands **552B** for BMC



Bulk Bag

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)



Carton box

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.



Composite plastic woven bags