



Chopped Strands 560H for PA

Chopped Strands 560H for thermoplastics are coated with a silane-based sizing, compatible with PA6T, PA9T, PA10T, PPA and PTN resins. 560H is designed for extrusion and injection molding processes. Typical end-use applications include automotive engine parts.

SPECIFICATIONS

Type of Glass
E-Glass (E)

Type of Fiberglass
Chopped Strands (CS)

Chop Length
4.5 mm

Filament Diameter
11 microns

Most Common Sizes
ECS11-4.5-560H

FEATURES

- Excellent high temperature resistance
- Excellent mechanical properties
- Excellent strand integrity
- Good flowability
- Low fuzz
- Low static

RESIN COMPATIBILITY:

- Polytriethylene naphthalate (PTN)

USES:

- Automotive engine parts
- Oil pump covers
- Roll axis supporting frames
- Sensors
- Various SMT connectors
- Vehicle lamp covers

TECHNICAL PARAMETERS

Filament Diameter (%)
ISO 1888
± 10

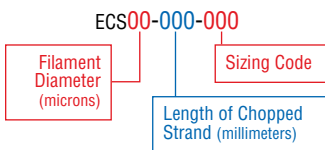
Moisture Content (%)
ISO 3344
≤ 0.10

Size Content (%)
ISO 1887
0.40 ± 0.15

Chop Length (mm)
Q/JS J0361
± 1.0

Choppability (%)
≥ 98

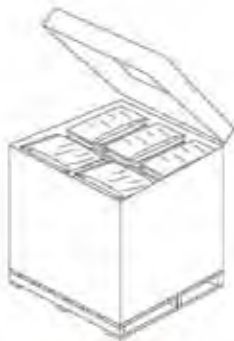
CHOPPED STRAND NOMENCLATURE



Chopped Strands 560H for PA



Bulk Bag



Heavy-duty 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	1000 mm (39.4 in)

Heavy-duty box:

Length	1120 mm (44 in)
Width	1120 mm (44 in)
Height	1050 mm (41.3 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.