

Chopped Strands 510H for Polycarbonate (PC)

Chopped Strands 510H for thermoplastics are coated with a silane-based sizing, compatible with Polycarbonate (PC) resin, glass loading below 15 percent by weight. 510H is designed for extrusion and injection molding processes. 510H has minimal glass bonding with resins, ensuring excellent surface appearance.

SPECIFICATIONS

Type of Glass
E-Glass (E)

Type of Fiberglass
Chopped Strands (CS)

Chop Length
4.5 mm

Filament Diameter
17 microns

Most Common Sizes
ECS17-4.5-510H

FEATURES

- Excellent surface appearance of composite product
- Good pigmentation
- Low fuzz
- Low static
- Outstanding impact strength

RESIN COMPATIBILITY

- Polycarbonate (PC)

USES

- Automotive industry
- Mechanical industry
- Electrical appliances
- Medical appliances
- Sporting goods

TECHNICAL PARAMETERS

Filament Diameter (%)
ISO 1888
± 10

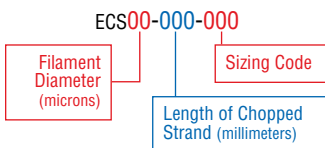
Moisture Content (%)
ISO 3344
≤ 0.10

Size Content (%)
ISO 1887
0.65 ± 0.20

Chop Length (mm)
Q/JS J0361
± 1.0

Choppability (%)
≥ 98

CHOPPED STRAND NOMENCLATURE

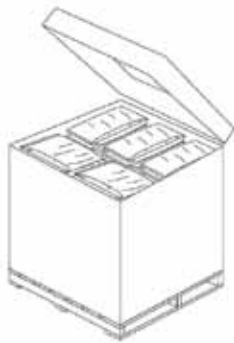


PACKAGING STORAGE

Chopped Strands 510H for Polycarbonate (PC)



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.