

542 Chopped Strands for Thermoplastics are coated with a silane-based sizing, compatible with LCP resin.

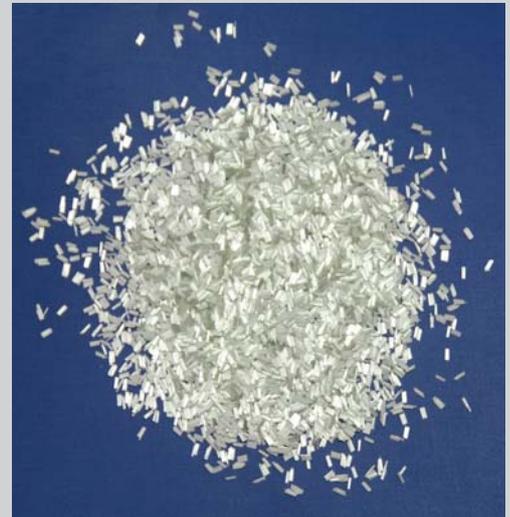
542 is designed for extrusion and injection molding processes, and is typically used to manufacture high temperature resistance parts in electric sector.

Product Features

- ◎Excellent strand integrity, low static, low fuzz, and good flowability
- ◎Excellent high temperature resistance
- ◎Excellent mechanical properties

Identification

Example	ECS11-4.5-542
Type of Glass	E
Chopped Strands	CS
Filament Diameter, μm	11
Chop Length, mm	4.5
Size Code	542



Technical Parameters

Filament Diameter (%)	Moisture Content (%)	Size Content (%)	Chop length (mm)	Choppability(%)
ISO 1888	ISO 3344	ISO 1887	Q/JS J0361	Q/JS J0362
± 10	≤ 0.10	0.30 ± 0.15	± 1.0	≥ 98

Packaging

* The product can be packed in bulk bags, heavy-duty box, and composite plastic woven bags;

For example:

Bulk bags can hold 900kg-1000kg each;

Cardboard boxes and composite plastic woven bags can hold 15kg-25kg each.

Bulk bag

Length mm (in)	1030 (40.55)
Width mm (in)	1030 (40.55)
Height mm (in)	1000 (39.4)

heavy-duty box

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

Composite plastic woven bag

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

Storage

Unless otherwise specified, fiberglass products should be stored in a dry, cool and rain-proof area. It is recommended that the room temperature and humidity should be always maintained at $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$ and $35\% \sim 65\%$ respectively.

