

534 Chopped Strands are designed for thermoplastics application. They are coated with a silane-based sizing compatible with PBT and PET.

534 are designed for use in injection and extrusion processes and used in automotive, electric and electronic applications.

Product Features

- ◎ Good strand integrity, low static and good flowability
- ◎ Good bonding with resins. No fiber sticking out on parts surface and good aesthetic appearance of parts
- ◎ Excellent mechanical properties of composite

Identification

Example	ECS11-3-534
Type of Glass	E
Chopped Strands	CS
Filament Diameter, μm	11, 13
Chop Length, mm	3, 4.5
Size Code	534



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	0.85 ± 0.20	± 1.0	≥ 98

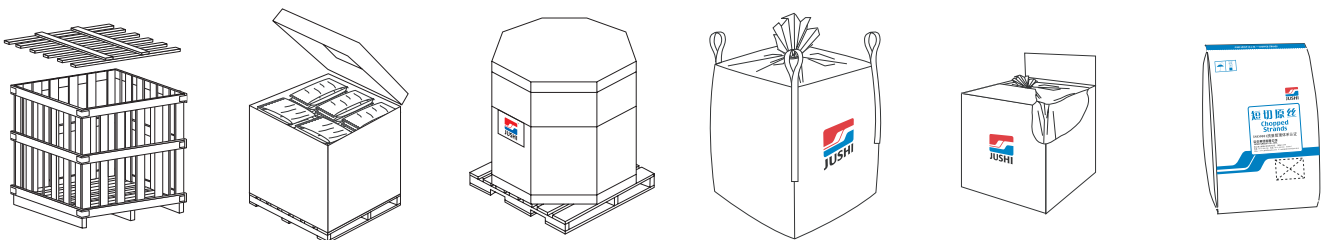
Product Information

Tensile Strength (MPa)	Tensile Modulus (GPa)	Flexural Strength (MPa)	Flexural Modulus (GPa)
ISO 527	ISO 527	ISO 178	ISO 178
129	8.3	210	8.3

Charpy, unnotched (kJ/m ²)	Charpy, notched (kJ/m ²)	Glass Content (% by Wt)
ISO 179	ISO 179	GB/T 2577
63	12	30

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°C ~ 35°C and 35% ~ 65% respectively.



Packaging

* The product can be packed in bulk bags, cardboard boxes, wooden crates, heavy-duty box, octagonal box and composite plastic woven bags; For example: Bulk bags can hold 500kg-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)	1100 (43.31)

Carton box

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

Composite plastic woven bag

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