

Chopped strand T435N

【Product description】

T435N is made by chopping E-glass fiber, coated with special silane-based sizing and used for reinforcement of PA with good resin compatibility.

【Characteristics】

Excellent strand integrity, high bulk and low fuzz
 Superior dry-use flow-ability and easy control of glass loading
 Excellent temperature resistance, very low chromatism
 Excellent performance of composites

【Product code】

Eg. ECS10-3.0-T435N
 ECS E-glass chopped strands
 10 filament diameter(um)
 3.0 chopped length(mm)
 T435N Sizing and product code

【Technical data】

Product code	Sizing	chopped length (mm)	filament diameter (um)	LOI (%)	Moisture (%)
T435N	Silane	3.0/4.5	10	0.45	≤0.10

【Composites performance】

Test item	unit	test value	test method
Tensile strength	MPa	201	ASTM D638
Flexural strength	MPa	280	ASTM D790
Flexural modulus	MPa	8027	ASTM D790
IZOD notched impact strength	KJ/m ²	12.0	ASTM D256
Fiber contents	%	30	ignition lost

Remark

1. Test matrix resin PA and chopped strands ECS10-3.0-T435N
2. The value come from laboratory, there will be deviation caused the resin system and production process

【Packaging】

Chopped strands is packed by PP bag, small carton or bulk bag. Each PP bag or small carton loading 20 or 25kg and each bulk bag loading 800-1000kg and put upright on the pallet. Pallets should not be stacked more than 2 layers.

【Storage】

The product should be stored in a dry, cool and rainproof place, with temperature from 5°C-35°C and humidity between 35%-65%. It is recommended to be put under room temperature for over 24 hours prior to use, finished within 12 months after receipt by customer and kept in intact package when not use to avoid damp.