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Technical Data Sheet

Gromax T536K

【Product Description】

T536K is made by chopping E-glass fiber, coated with special silane-based sizing and used for einforcement of PBT and PC 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】

E.g.EC13-4.5-T536K
ECE-glass chopped strands
13Filament diameter(um)
4.5Chopped length(mm)
T536KSizing and product code

【Technical Data】

Product code	Sizing type	Fiber length(mm)	Filament diameter(μm)	LOI(%)	Moisture(%)
T435N	silane	4.5	13	1.1	≤ 0.05

【Composites performance】

Test item	Unit	Test value	Test method
Tensile strength	MPa	120	ASTM D638
Flexural strength	MPa	190	ASTM D790
Flexural modulus	MPa	7721	ASTM D790
IZOD notched impact strength	KJ/m	11.5	ASTM D256
Fiber contents	%	30	Ignition lost

Remark

1. Test matrix resin PBT and chopped strands EC13-4.5-T536K
- 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 temperatures from 5°C to 35°C and humidity between 35% and 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 used to avoid damp.