

ECS 03 T-187 / ECS 03 T-187H

Product Description

ECS 03 T-187H / ECS 03 T-187 chopped strands from NEG are designed for reinforcement of polybutylene terephthalate (PBT), polyethylene terephthalate (PET) and polycarbonate (PC) and polycarbonate alloys. The product combines excellent feeding characteristics with superior dry as molded mechanical properties. End-use applications include transportation, electrical and electronic appliances, and computer housings and components. They are an excellent fit for high throughput compounding systems due to its excellent flow characteristics and low viscosity during extrusion and molding.

User Benefits

- Suitable for a wide range of thermoplastic resins, such as PBT, PET, PC, PC Alloys.
- Superior dry flow performance which contributes to high compounding rates.
- Provides uniform dispersion during the compounding process.
- U.S. Food and Drug Administration and EU 10/2011 compliance for repeated-use food contact applications
- Product supported by NEG's extensive technical resources.
- Chinese Food compliance for repeated-use contact applications.
- APE free, as well as, French potable water contact compliance.
- Manufacturing facilities operate quality management systems that comply with ISO 9001:2015 requirements.

Type of Fiber	E-Glass (ASTM D 578-05)
Type of Sizing	Silane
Nominal Fiber Diameter (μm)	T-187H: 10.5 T-187: 13.0
Nominal LOI (%)	1.00
Nominal Chop Length (mm)	3.0

Packaging

- 1,000/1,100/1,200 kg Bigbag
- 25 kg Paper bag

Storage

These products should be stored in a cool and dry area. Protect product from all sources of water at all times. A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions. Prior to use, products should be conditioned in the work area for a minimum of 24 hours. If contents of a package unit are partially used, the unit should be closed until the next use. With proper storage, there are no known limitations on the shelf life of the product. To ensure optimal performance, retesting is recommended for products stored more than two years from the initial production date.

More Information

<https://www.neg.co.jp/inquiry/>

<https://www.neg.co.jp/en/inquiry/>

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