

# ECS 03 T-747H / ECS 03 T-747

## Product Description

**ECS 03 T-747H / ECS 03 T-747** chopped strands from NEG are designed for reinforcement of polyphenylenesulfide (PPS). The product combines excellent feeding characteristics with superior dry as molded mechanical properties. ECS 03 T-747H has an outstanding performance in low outgas applications. 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 polyphenylenesulfide (PPS) resins.
- Superior dry flow performance with low fuzz and excellent feeding behavior which contributes to high compounding rates.
- Outstanding low outgas results.
- Provides uniform dispersion during the compounding process.
- U.S. Food and Drug Administration compliance and EU 10/2011 compliance for repeated-use food contact applications.
- German potable water contact compliance
- Product supported by NEG's extensive technical resources.
- 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 ( $\mu\text{m}$ )	T-747H: 10.5 T-747: 13.0
Nominal LOI (%)	0.40
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/>

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