

# ECS 03 T-480/ECS 03 T-480H Nippon Electric Glass Co., Ltd.

## Product Description

**ECS 03 T480H / ECS T-480** chopped strands from NEG are suitable for use in all polypropylene (PP) systems. The product is designed for components that require good mechanical properties. The products have an excellent performance in heat ageing. The chemistry of the *ECS T-480* and *ECS T-480H* chopped strands have been proven to meet mechanical property requirements with a low amount of chemical coupling agent in comparison with existing commercially available products. 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

- Compatible with a wide range of PP resins.
- Superior dry flow performance.
- Provides uniform dispersion during the compounding process.
- Offers an excellent white color in natural grade compounds.
- Excellent color stability in heat ageing testing.
- Provides an optimum balance of sizing functions.
- Chinese Food compliance for repeated-use contact applications.
- U.S. Food and Drug Administration and EU 10/2011 compliance, as well as, French and 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 (µm)	T-480H:10.5 T-480: 13.0
Nominal LOI (%)	0.50
Nominal Chop Length (mm)	3.0

## Packaging

- 1,000/1,100/1,200 kg Big bag
- 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/>

NEG reserves the right to modify this document without prior notice.