

# ECS 03 T-297

## Product Description

**ECS 03 T-297** chopped strands from NEG are designed to reinforce a wide range of polyamide (PA) formulations, especially PA6 and PA66. The product combines excellent feeding characteristics, high gloss and superior dry as molded mechanical properties. *ECS 03 T-297* chopped strands have an outstanding resistance to ethylene glycol-based cooling systems and excellent performance in impact-modified formulations. 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 polyamide thermoplastic resin systems: PA6, PA66, PA46, PA610 and PA612.
- High hydrolysis resistance properties in several long life coolant (LLC) systems.
- Provides uniform dispersion during the compounding process.
- Very good strand integrity, low fuzz and excellent feeding properties.
- Excellent design-in-forming capabilities in injection molding machines.
- U.S. Food and Drug Administration and EU 10/2011 compliance for repeated-use food contact applications
- High impact properties and fatigue resistance.
- 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)	13.0
Nominal LOI (%)	0.40
Nominal Chop Length (mm)	3.0

### Packaging

#### Asia

- 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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