

ChopVantage™ HP 3550

Product Description

ChopVantage™ HP 3550 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, superior dry as molded (DAM) mechanical properties and excellent performance in impact modified polyamide resin systems. **CHOPVANTAGE™ HP 3550** chopped strand products are an excellent fit for high throughput compounding systems due to its excellent flow characteristics and low viscosity during extrusion and molding.

User Benefits

- Superior dry flow performance which contributes to high compounding rates, using both continuous and batch feed systems.
- Wide range of versatility with respect to feeding and handling; e.g. gravimetric, loss-in-weight, dense-phase conveying.
- Provides an optimum balance of sizing functions for natural PA systems, as well as impact modified PA6 and PA66.
- APE Free.
- 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)	10
Nominal LOI (%)	Asia: 0.7 NA: 0.8 EU: 0.7
Nominal Chop Length (mm)	Asia: 3.5 NA: 3.2 EU: 3.8

Packaging

Asia

- 1,000/1,100 kg Big bag

Americas

- Multi-wall corrugated carton. 454 kg (1000 lbs), 1134 kg (2,500 lbs)

Europe

- 1,000/1,100 kg Big bag
- 20 kg small bag on request

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 for mechanical properties and feeding behavior is recommended for products stored more than two years from the original production date.

More Information

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

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

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NOTE: ChopVantage™ is a trademark of Electric Glass Fiber America, LLC.