ChopVantage™ HP 3610

Nippon Electric Glass Co., Ltd.

Product Description

***ChopVantage™* HP 3610** 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 and excellent performance in impact modified polyamide resin systems. *CHOPVANTAGE™* HP 3610 chopped strand products 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.
- Low Viscosity during compounding supports high throughput processes
- Provides uniform dispersion during the compounding process.
- Excellent mechanical properties in combination with environmentally friendly flame retardants.
- High impact properties and fatigue resistance.
- High hydrolysis resistance properties in several long-life coolant (LLC) systems.
- U.S. Food and Drug Administration and EU 10/2011 compliance for repeated-use food contact applications.
- APE Free, as well as, French 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)	10
Nominal LOI (%)	Asia: 0.60 NA: 0.75
Nominal Chop Length (mm)	Asia: 3.5 NA: 3.2

Packaging

Asia

- **1,000/1,100 kg Big bag**

America

- **1,000/1,200/2,000 kg Bulk Bag**
- **612 kg (1,350 lbs) Corrugated Carton**

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.