ChopVantage™ HP 3660

Nippon Electric Glass Co., Ltd.

Product Description

***ChopVantage™* HP 3660** chopped strands from NEG are designed to reinforce a wide range of polyamide (PA) resins and are intended for use in several cross-function PA applications. Superior whiteness, outstanding resistance to ethylene, glycol-derived engine coolants and next generation performance in impact-modified resins have been realized. *ChopVantage™* HP 3660 chopped strands are ideal for under-the-hood cooling system components such as radiator end tanks, intake manifolds, which incorporate coolant cross-over channels.

User Benefits

- Suitable for a wide range of polyamide thermoplastic resin systems: PA6, PA66, PA46, PA610 and PA612.
- 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.
- Tailored sizing system to provide uniform dispersion during the compounding operation.
- Excellent mechanical properties in impact-modified systems.
- Outstanding hydrolysis resistance properties in several long-life coolant (LLC) systems.
- High fatigue resistance and temperature resistance.
- U.S. Food and Drug Administration compliance for repeated-use food contact applications.
- APE Free and 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: 0.70 NA: 0.80
Nominal Chop Length (mm)	Asia: 3.5 NA: 3.2

Packaging

Asia

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

America

- **1,000/1,200 kg Bulk 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 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/

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

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