

ChopVantage™ HP 3790

Product Description

ChopVantage™ HP 3790 chopped strands from NEG are designed for reinforcement of thermoplastic polyester. *CHOPVANTAGE™ HP 3790* contributes to high reinforcement properties in polybutylene terephthalate (PBT) and polyoxymethylene (POM) and polyethylene terephthalate (PET) resins and in styrenic co-polymers, polycarbonate resins and polyphenylenesulfide (PPS). End-use applications include transportation, electrical and electronic appliances, and computer housings and components.

User Benefits

- Compatible with various resins systems, such as PBT, PET, PC, POM, ABS, SAN, PPS.
- Superior dry flow performance which contributes to high compounding rates.
- Exhibits good strength retention after dry heat ageing.
- Imparts high dielectric strength to PBT for electrical applications, such as connectors, fuse block holders and other non-current carrying components.
- Provides an optimum balance of sizing functions.
- Exhibits good strength retention after dry heat ageing.
- Excellent color characteristics.
- Wide versatility with respect to feeding and handling.
- U.S. Food and Drug Administration compliance for repeated-use food contact applications
- APE Free.
- 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 (%) | NA: 0.9 |
| Nominal Chop Length (mm) | NA: 3.2 |

Packaging

America

- 1,000 kg Bulk Bag
- 612 kg (1,350 lbs) Corrugated Carton
- Other packaging available 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 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.