

# ChopVantage® HP 3780

## Product Description

**ChopVantage HP 3780** chopped strands from NEG are designed for reinforcement of thermoplastic polyester. HP 3780 support high reinforcement properties in styrenic co-polymers, (ABS, SAN), polycarbonate (PC) resins, polybutylene terephthalates (PBT), polyethylene terephthalate (PET), polyoxymethylene (POM) and polyphenylenesulfide (PPS). The product combines excellent feeding characteristics with superior dry as molded mechanical properties. End-use applications include transportation, electrical and electronic appliances, and computer housings and components

## User Benefits

- Suitable for a wide range of thermoplastic resins, such as PBT, PET, PC, POM, ABS, SAN, PPS.
- 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 uniform dispersion during the compounding process.
- Exhibits good strength retention after dry heat ageing.
- Excellent color characteristics.
- U.S. Food and Drug Administration compliance for repeated-use food contact applications
- APE Free, as well as, French and German 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)	13.0
Nominal LOI (%)	EU: 0.7
Nominal Chop Length (mm)	EU: 4.5

## Packaging

- 1,000/1,100 kg Bigbag
- 1,100/1,100 kg Octabin

## 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/>