

# ChopVantage® HP 3786

## Product Description

**ChopVantage HP 3786** chopped strands from NEG are designed for reinforcement of polybutylene terephthalate (PBT). The *CHOPVANTAGE* HP 3786 chopped strands also result in high reinforcement properties in styrenic co-polymers (ABS, SAN) and polycarbonate (PC) resins, polyethylene terephthalate (PET) and polyoxymethylene (POM). The product combines excellent feeding characteristics with superior dry as molded mechanical properties. The *CHOPVANTAGE* HP 3786 chopped strands meet the needs in applications where maximum mechanical properties are required. End-use applications include transportation, electrical and electronic appliances, and computer housings and components. 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 thermoplastic resins, such as PBT, PET, PC, POM, ABS, SAN, PPS.
- Superior dry flow performance which contributes to high compounding rates.
- 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.

## 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.

Type of Fiber	E-Glass (ASTM D 578-05)
Type of Sizing	Silane
Nominal Fiber Diameter (µm)	10
Nominal LOI (%)	NA: 0.8 EU: 0.7
Nominal Chop Length (mm)	Asia: 3.0 NA: 3.2 EU: 4.5

### Packaging

#### America

- 1,000/1,200 kg Bulk Bag

#### Europe

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

#### Asia

- 1,000/1,100 kg Bigbag