ChopVantage® HP 3730XM

Nippon Electric Glass Co., Ltd.

Product Description

ChopVantage **HP 3730XM** chopped strands from NEG are designed for reinforcement of polybutylene terephthalate (PBT) thermoplastic polyester. *The CHOPVANTAGE* HP 3730XM chopped strands can be used for high-performance applications where mechanical properties play an important role. The product also offers dry as molded (DAM) along with outstanding hydrolysis resistance. The unique XM glass formulation utilized in the product provides highly desirable high fiber toughness as compared to traditional E-Glass that results in improved residual fiber length after molding.

Type of Fiber	E-Glass (ASTM D 578-05)
Type of Sizing	Silane
Nominal Fiber Diameter	10
LOI (%)	NA: 0.85
Standard Cut Length (mm)	NA: 3.2

User Benefits

- Suitable for a wide range of thermoplastic resins, including PBT, PET, PC, POM. PLA and PPS.
- Excellent mechanical properties after hydrolysis.
- Exhibits very good Dry As Molded mechanical properties.
- Superior dry flow performance which contributes to high compounding rates.
- Unique properties in polylactide (PLA) resin systems.
- Wide range of versatility with respect to feeding and handling.
- Provides uniform dispersion during the compounding process.
- 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.

Packaging

- **1,000 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/