Original Composites & Fiberglass

183H-14P

Easy dispersion, homogeneous extrudate

183H-14P chopped fibers are manufactured with Advantex® glass technology from continuous filaments joined into strands, which receive a chemical coating suitable for interaction with polymeric matrices of PBT (polybutylene terephthalate), PET (polyethylene terephthalate), PC (polycarbonate), ABS (acrylonitrile-butadiene-styrene) and also with phenolic resins, epoxy and unsaturated polyester.

- Excellent strand integrity.
- Excellent flow characteristics in dosing systems.

RAISING MECHANICAL PROPERTIES

Product Benefits

Polymer Compatibility

- Suitable interaction with PBT, PET, PC, ABS, phenolic resins, epoxy and unsaturated polyester matrices.

Efficient Extrusion Processing

- Supports easy dispersion and homogenization of filaments in extrusion processes.

Enhanced Composite Performance

- Improves mechanical properties and thermo-distortion temperature of the final composite.

Certified Manufacturing

- Produced under ISO 9001, ISO 14001 and OHSAS 18001 certifications.

Application

183H-14P is designed for application in extrusion and/or injection processes of thermoplastic polymers and also in mixing processes, such as phenolic resin composites.

183H-14P | EXTRUSION | JULY 2026

Availability & Packaging

PRODUCT NAME	NOMINAL FILAMENT DIAMETER	NOMINAL SOLIDS CONTENT	NOMINAL LENGTH
183H-14P	14 µm	1.0%	4 mm

183H-14P chopped fibers are available in polyethylene Bulk Bags with a total net weight of 1000 kg.

Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 15 °C and 35 °C and a relative humidity between 35% and 65%. The glass fiber products must remain in their original packaging material until the point of usage. Still in its original packaging, the product should be stored in the area where it will be used up to 48 hours prior to use, especially during colder seasons, to allow it to reach room temperature and help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, there is no known shelf life to the product, and retesting is advised after three years from the initial production date to ensure optimum performance.

The wooden pallets used do not permit storage on racks with free gaps. OCF will not be responsible for any damage resulting from stacking more than two pallets or from storing the product on racks without a solid base capable of supporting the respective gross weight. Additional storage details can be found in the Customer Acceptance Standards.

MAKE MORE POSSIBLE™

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