

ThermoFlow® 770

CHOPPED STRANDS

Product description:

ThermoFlow® chopped strands with 770 sizing are produced by chopping E-glass fibers coated with a silane based sizing. Johns Manville technology enables the product to achieve excellent bulk density and flow characteristics, which allow the fiber to be fed into the extruder with a very low generation of fuzz compared to standard chopped strand products.

ThermoFlow® 770 provides excellent mechanical properties in glass reinforced PPS.

Resin compatibility:

- Polyphenylene sulfide
- High temperature resins

Benefits:

- Excellent matrix bonding provides superior properties in PPS
- Excellent hydrolysis resistance
- Low off-gassing
- Improved flow provides reliable and consistent supply to the extruder
- Improved bulk density increases net package weight

Designation:

JM Designation	Region	Filament diameter (µm)	Sizing designation	Chopped strands length (mm)
ThermoFlow® 770 10 4 mm	NA/EU	10	770	4



Packaging:

Region	Packaging type	Pallet dimensions	Net weight per pallet	Bag per pallet
EU	Bulk Bag	1140 x 1140 mm	1000 / 1150 kg	1
EU	Octabin	1140 x 1140 x 1200 mm	1000 kg	1
NA	Bulk Bag	45 x 45 inch	2200 lbs	1

Storage:

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (50°F to 86°F). The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit.

**North America****Europe****Warranty disclaimer:**

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of this product represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the Regional Sales Office nearest you for the most current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on Johns Manville products, please visit www.jm.com/en/login/policies-terms-and-conditions or call (800)654-3103.

Values:

All data represent typical average values.

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