

# ThermoFlow® 770

## 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 allows 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.

## 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.

## Resin compatibility:

- Polyphenylene sulfide.
- High temperature resins.



## Designation :

JM Designation	Region	Glass Type	Filament diameter [μm]	Sizing Designation	Chopped Strand Length (mm)
TF EC10 770 4 mm	NA	E	10	770	4
CS EC 10 770 4 mm	EU	E	10	770	4

## Packaging :

Region	Packaging Type	Pallet dimensions	Net Weight per pallet	Bag per pallet
NA	Bulk Bag	45''x 45''	2200 lb.	1
EU	Bulk Bag	1140 x 1140 mm	1000 kg	1



North America



Europe

## Storage:

It is recommended that glass fiber products be stored in a cool and dry environment. The recommended temperature range for storage is 10°C - max. 30°C (50°F - max. 86°F) and relative humidity between 50 - 75%.

The glass fiber products should remain in their packaging until just prior to use. The pallets should be single stacked.

When recommended storage conditions are maintained, the shelflife of the products is 12 months in the original packaging.

## Values:

All data represent typical average values.

### Warranty disclaimer:

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.



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