

- BMC
- LFT / GMT
- Pultrusion
- SMC
- Extrusion compounding
- Carding / needling, air laid
- Others
- Filament winding
- Hand lay-up
- LCM
- Spray-up
- Textile

ThermoFlow®

Chopped Strand 671 for PA6 and PA66

Product description:

ThermoFlow® chopped strand with 671 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® chopped strand with 671 sizing exhibit exceptional strand integrity, clean feeding, and uniform fiber distribution when used in glass reinforced PA6 and PA66, ThermoFlow® chopped strand with 671 sizing gives very good mechanical properties in glass reinforced PA6 and PA66 and it is recommended also for applications where hydrolysis resistance is needed.



Designation:

JM designation	Region	Glass type	Filament diameter [µm]	Sizing designation	Chopped strand length [mm]
CS EC 10 671 4 mm	EU	E	10	671	4
CS EC 13 671 4 mm	EU	E	13	671	4

Technical data:

	LOI content [%]	Moisture content maximum [%]	Typical bulk density maximum [ml/50g]
All 671 types	0.70	0.08	90

Resin compatibility:

Polyamide (PA)

Benefits:

- Excellent matrix bonding provides superior properties in PA6 and PA 66
- Very good hydrolysis resistance
- Excellent strand integrity with effective fiber dispersion
- Improved flow provides reliable and consistent supply to the extruder
- Reduced fines content increases customer productivity
- Improved bulk density increases net package weight
- Reduced sensitivity to Calcium Stearate



Packaging:

	Packaging type	Pallet dimensions	Weight per pallet	Bag per pallet
Europe	Bulk bag	1140 mm x 1140 mm	1000 kg	1
Europe	Octabin	1140 mm x 1140 mm	1000 kg	1

Storage:

It is recommended that the glass fiber products are stored in a cool and dry environment. Recommended temperature range of 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 the packaging until just prior to use. The pallets should be single stacked.

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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