

ThermoFlow®

Chopped Strand 701 for PA 6 and PA 66

Product description:

ThermoFlow® chopped strand with 701 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 701 sizing have been specifically designed as a highly effective reinforcement for PA6, and PA66 and exhibit excellent hydrolysis resistance in PA 66.



Designation:

JM designation	Glass type	Filament diameter [μm]	Sizing designation	Chopped strand length
EC 10 701 4 mm	E	10 (G fiber)	701	4 mm
EC 11 701 4 mm	E	11 (H fiber)	701	4 mm
EC 13 701 4 mm	E	13 (K fiber)	701	4 mm

Technical data:

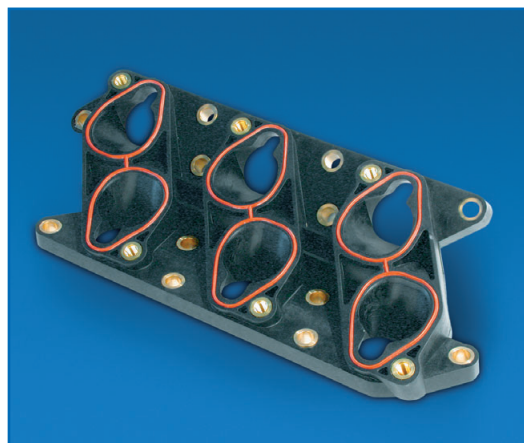
	LOI content [%]	Moisture content maximum [%]	Typical bulk density maximum [ml/50g]
701	0.9	0.05	90

Resin compatibility:

Polyamide 6, 66 (Nylon)

Benefits:

- Excellent matrix bonding provides superior properties in PA with excellent hydrolysis resistance
- Excellent strand integrity with effective fiber dispersion leads to optimal fiber distribution
- Improved flow provides reliable supply to the extruder resulting in more consistent properties
- Reduced fines content increases customer productivity due to less cleaning maintenance
- Improved bulk density increases net package weight translating to less storage and handling costs



Packaging:

	Packaging type	Pallet dimensions	Weight per pallet	Bag per pallet
North America	Bulk bag	45" x 45"	2200 lbs	1
Europe	Bulk bag	1100 mm x 1100 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 50°F - max. 86°F (10°C - max. 30°C) 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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