

ThermoFlow® 701

Product description:

ThermoFlow® chopped strands 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 allows 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 an effective reinforcement for PA6 and PA66 including in applications when hydrolysis resistance in PA66 is required.

Resin compatibility:

- Standard and speciality polyamides

| | ThermoFlow® 701 |
|------------------|-----------------|
| PA6 | ★ |
| PA66 | ★ |
| PA66 after aging | ★ ★ |

Designation: Glass type is E-Glass

| JM Designation | Region | Filament diameter (µm) | Sizing designation | Chopped strands length (mm) |
|-------------------------------|--------|------------------------|--------------------|-----------------------------|
| ThermoFlow® CS EC 10 701 4 mm | EU | 10 | 701 | 4 |
| ThermoFlow® CS EC 13 701 4 mm | EU | 13 | 701 | 4 |

Benefits:

- Excellent matrix bonding for overall superior properties in all PA resins and applications.
- 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 for greater customer productivity due to less cleaning maintenance.



Packaging:

| Region | Packaging type | Pallet dimensions | Net weight per pallet | Bag per pallet |
|--------|----------------|-------------------|-----------------------|----------------|
| EU | Bulk Bag | 1140 x 1140 mm | 1000 Kg | 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) at relative air humidity between 50% to 75%. 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.



Values:

All data represent typical average values.

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.



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