

MultiStar[®] 272

Product description:

MultiStar[®] 272 is an assembled roving manufactured with continuous glass fibers of defined diameter into a cylindrical roving package compatible with unsaturated polyester suitable for use as reinforcement for SMC Class A technology. It offers best in class performances in terms of surface aspect (Top Class A) with outstanding strength performances, enabling SMC compounders and moulders to further compete effectively with other materials, such as steel and aluminum.

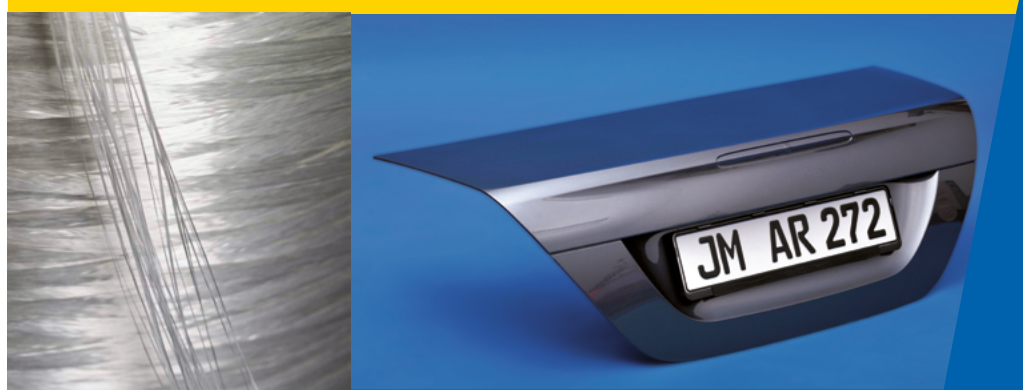
MultiStar[®] 272 is also easy to chop with low fuzz behavior and yields improved in-coloured SMC performance for some new untapped market applications where painting may not be required.

Benefits:

- Outstanding surface aspect in Class A
- Best in Class mechanical performance
- Very good chopping performance
- Enables new standards for coloured-in SMC applications
- Good dispersion and wet-out in SMC compounds
- Good fiber distribution and excellent consistency

Resin compatibility:

- Unsaturated polyester
- Vinylester resins



Designation: Glass type is E-Glass

JM Designation	Region	Roving Tex (g/km)	Sizing content (%)	Moisture content max. (%)	Strand linear density Tex (g/km)	Stiffness minimum (mm)
MultiStar [®] 272 2400 60	EU	2400	1.5	0.15	60	125
MultiStar [®] 272 4800 60		4800	1.5	0.15	60	130
MultiStar [®] 272 2400 80		2400	1.5	0.15	80	130
MultiStar [®] 272 4800 80		4800	1.5	0.15	80	130

Bobbin dimensions:

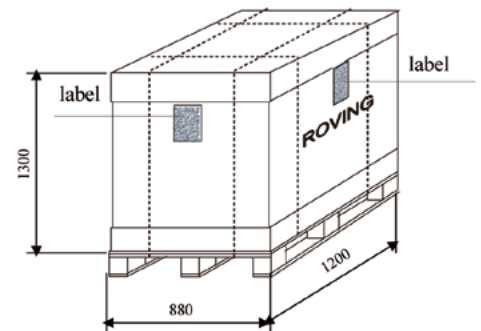
Region	JM Designation	Typical weight (kg)	Inner diameter (mm)	Outer diameter (mm)	Height (mm)	Bobbin wrap
EU	All MultiStar® 272 types	20	77	280	270	Shrink film

Packaging:

Region	JM Designation	Packaging type	Pallet dimensions (mm)	Net weight per pallet (kg)	Bobbins per pallet
EU	All MultiStar® 272 Types	Cardboard box	1200 x 880	1030	48
			1180 x 1180	1380	64

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.

**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 <https://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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