

MultiStar® 473

Product description:

MultiStar® 473 is an assembled roving manufactured with continuous glass fibers of defined diameter into a cylindrical roving package compatible with silane based sizing suitable for reinforcement of polypropylene polymers in glassmat reinforcement thermoplastic sheets (GMT) processes.

MultiStar® 473 is mainly used in automotive applications, such as underbody parts or spare-wheel covers.

Benefits:

- Easy unwinding
- Good choppability
- Good wettability in PP
- Provides good mechanical properties in PP

Resin compatibility:

- Polypropylene



Designation: Glass type is E-Glass

JM Designation	Region	Roving bundle linear density (tex)	Sizing content (%)	Moisture content Max.(%)	Strand linear density Tex (g/km)	Stiffness minimum (mm)
MultiStar® 473 - 2400 - 70	EU	2400	0.75	0.15	70	110

Bobbin dimensions:

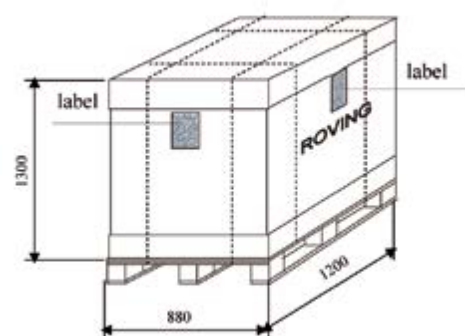
Region	JM Designation	Typical weight (kg)	Inner diameter (mm)	Outer diameter (mm)	Height (mm)	Bobbin wrap
EU	MultiStar® 473 - 2400 - 70	20	77	280	270	Tacky film

Packaging:

Region	JM Designation	Packaging type	Pallet dimensions (mm)	Net weight per pallet (kg)	Bobbins per pallet
EU	MultiStar® 473 - 2400 - 70	Cardboard box	1200 x 880	1030	48
			1180 x 1180	1380	64

Storage:

These products should be stored in a cool and dry environment at a recommended temperature between 10°C to 30°C (50°F – max. 86°F) with relative 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 just prior to use. The pallets should be single stacked. Although there is no defined shelf life limitation for this product when properly stored, to insure optimal performance, retesting is recommended if the product is stored for more than two years.

**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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