

# MultiStar® 819

## Product description:

MultiStar® 819 is an assembled roving with a silane based sizing characterized by a good choppability, low fuzz, and uniform splitting during chopping. It is used mainly as a reinforcement of unsaturated polyester resins employing spray-up technology.

## Resin compatibility:

- Unsaturated polyester

## Benefits:

- Excellent unwinding.
- Very low fuzz and static.
- Fast wet through and wet out.
- Uniform carpet lay-down.
- Very good shoppability.
- Uniform splitting during chopping.



## Designation : Glass Type is E-Glass

Region	JM Designation	Roving Tex [g/km]	Sizing content [%]	Moisture content Max. [%]	Strand Tex [g/km]
EU	MultiStar® 819 - 2400 - 60	2400	1.0	0.15	60

## Bobbin dimensions :

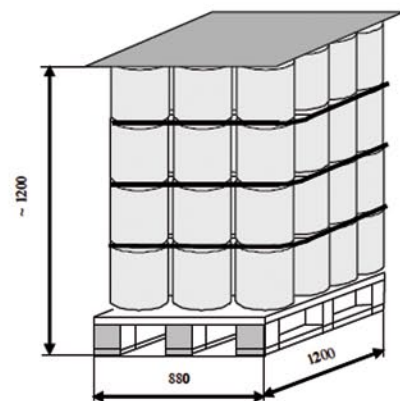
Region	JM Designation	Typical weight [kg]	Inner diameter [mm]	Outer diameter [mm]	Height [mm]	Bobbin wrap
EU	MultiStar® 819 - 2400 - 60	19	77	280	270	Shrink film

## Packaging :

Region	JM Designation	Bobbins per pallet	Pallet dimensions [mm]	Net weight per pallet [kg]	Packaging type
EU	MultiStar® 819 - 2400 - 60	48	1200 x 880	912	Cardboard box

## Storage:

It is recommended that the glass fiber products are stored in a cool and dry environment. Recommended temperature range of storage is min. 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. When maintaining the recommended storing conditions, the shelf-life of the products is 12 months in the original packaging.



## 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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