

StarStran® 860

Product description:

StarStran® 860 is used as reinforcement for unstaurated polyester resins in BMC applications using compression and injection molding technologies. StarStran® 860 is produced by chopping E glass fibers coated with a silane based sizing and available in 6mm and 12 mm lengths. BMC (Bulk Molding Compound) process technology is used to mould thermoset composites. BMC composites yield excellent precision tolerance for electrical components and high performance/cost ratio. It has also remarkable thermal stability which makes it an ideal material for headlamp reflectors in the automotive segment.

Resin comptability:

- Unsaturated polyester

Benefits:

- Good mechanical properties
- Excellent flow characteristics



Designation: Glass type is E-Glass

JM Designation	Region	Filament diameter (µm)	Sizing designation	Chopped strands length (mm)
StarStran® 860 - 15 - 6 mm	EU	15	860	6
StarStran® 860 - 15 - 12 mm	EU	15	860	12

Technical Data:

Region	JM Designation	Sizing	LOI content (%) ISO 1887	Moisture content Max. (%) ISO 3344	Apparent density min. (g/l) ISO 15100
EU	StarStran® 860 - 15 - 6 mm	Silane	0.6 - 0.9	0.10	450
EU	StarStran® 860 - 15 - 12 mm	Silane	0.6 - 0.9	0.10	-

Packaging:

Region	Packaging type	Pallet dimensions (mm)	Net weight per pallet (kg)	Bags per pallet (20 kg bags)
EU	PE bags in cardboard box	1200 x 880 x 1500	800 - 1000	24 - 50

Other packaging types upon request

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 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 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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