

StarRov® 853

Product description:

StarRov® 853 Roving is manufactured by direct winding of continuous glass fibers of defined diameter into a cylindrical roving package. It is characterized by a silane sizing compatible with polyamides, polyester and styrenics engineering polymers.

StarRov® 853 Rovings are designed to be used mainly as an input for LFT (Long Fiber Thermoplastic).

The majority of the applications can be found in the automotive market where low weight advantages are needed.

Resin compatibility:

- Polyamides, PBT, PPS, PC
- Styrenics

Designation: Glass type is E-Glass

Benefits:

- Easy to unwinding
- Fast impregnation and wet-out
- Low fuzz during processing
- Excellent processing behavior in LFT
- Improved mechanical properties



JM Designation	Region	Filament diameter (µm)	LOI content (%)	Moisture content max. (%)	Linear density Tex (g/km)/ Yield (yd/lb)
StarRov® 853 AD 225	NA	16	0.50	0.12	225 Yield
StarRov® 853 1200	EU	16	0.60	0.15	1200 Tex
StarRov® 853 2400	EU	16	0.60	0.15	2400 Tex

Bobbin dimensions:

Region	Typical weight	Inner diameter	Outer diameter	Height
NA	39 Lbs	6 ^{3/8} inch	11 ^{1/4} inch	10 inch
EU	19 - 20 kg	165 mm	300 - 310 mm	260 - 290 mm

Packaging:

Region	Pallet wrap	Bobbin wrap	Pallet dimensions	Net weight per pallet	Bobbins per pallet
NA	Stretch wrap	Shring bag	48 x 48 inch	2500 Lbs	64
EU	Stretch wrap	Tacky film foil	1285 x 960 x 1400 mm	920 kg	48

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). 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.

North America



Europe



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.

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US Headquarters

Johns Manville
717 17th Street
Denver, CO 80202 - USA
Phone: +1 (303) 978 2000

North America (Customer-Office-Centers)

Johns Manville
7500 Dutch Road
Waterville, OH 43566 - USA
Phone: +1 (800) 554 4826

Europe

Johns Manville Slovakia, a.s.
Strojársenská 1
91799 Trnava - Slovakia
Phone: +421 (0) 33 5918 249

www.jm.com
fibers@jm.com