

StarRov® 895

Product description:

StarRov® 895 is manufactured by directly winding of continuous E-glass fiber filaments of defined diameter into a cylindrical roving package. Each filament is uniformly coated with a silane-based sizing compatible with different types of engineering thermoplastics polyamide resins.

StarRov® 895 direct roving is mainly designed for the manufacturing of thermoplastic tapes, prepregs and organosheets as well as for use in LFT and Direct-LFT processes. The majority of applications primarily cover the automotive industry where light weighting and CO₂ emission reductions have become crucial.

Resin compatibility:

- Standard and specialty polyamides
- PPA

Benefits:

- Excellent fiber spreading and fiberglass wet out of thermoplastic polyamide tapes, prepregs and organosheets.
- Excellent wet out at high glass load LFT and D-LFT processes.
- Robust fiber resisting high tension for high speed processing.
- High mechanical properties.
- Pre-heating possible.
- Global product available both in NA and EU.



Designation: Glass type is E-Glass

| JM Designation | Region | Filament diameter (µm) | LOI content (%) | Moisture content (%) | Linear density Tex (g/km) Yield (Yd/Lb) |
|---------------------|--------|------------------------|-----------------|----------------------|---|
| StarRov® 895 2400 | EU | 16 | 0.3 | 0.15 | 2400 Tex |
| StarRov® 895 1200 | EU | 16 | 0.3 | 0.15 | 1200 Tex |
| StarRov® 895 AH 225 | NA | 16 | 0.3 | 0.12 | 225 Yield |

Bobbin dimensions:

| Region | Typical weight | Inner diameter | Outer diameter | Height |
|--------|----------------|----------------|----------------|------------|
| EU | 19-20 kg | 165 mm | 300 - 310 mm | 260-290 mm |
| NA | 39 lbs | 6.38 inch | 11.40 inch | 10 inch |

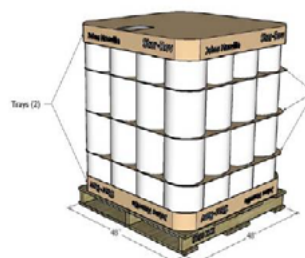
Packaging:

| Region | Packaging type | Pallet dimensions | Net weight per pallet | Bobbins per pallet |
|--------|---------------------------|----------------------|-----------------------|--------------------|
| EU | Stretch foil | 1285 x 960 x 1400 mm | 920 kg | 48 |
| NA | Stretch wrap and poly bag | 48 x 48 inch | 2500 lbs | 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.

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-Service-Office)

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

Europe

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

www.jm.com
fibers@jm.com