

# 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 and polyurethane 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 and pultrusion processes. The majority of applications primarily cover the automotive industry where light weighting and CO<sub>2</sub> emission reductions have become crucial.

## Resin compatibility:

- Standard and specialty polyamides
- PPA
- Polyurethane

## 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.
- Enabling increased pultrusion process speed by use of polyurethane resin.
- 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 1200	EU	16	0.30	0.15	1200 Tex
StarRov® 895 2400	EU	16	0.35	0.15	2400 Tex
StarRov® 895 4800	EU	23	0.35	0.15	4800 Tex
StarRov® 895 AH 225	NA	16	0.30	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). 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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