

StarRov® 485

Product description:

StarRov® 485 direct roving is manufactured by direct winding of continuous glass fibers of defined diameter into a cylindrical roving package. The fibers are coated with a silane sizing most suitable for reinforcement of polypropylene and used in LFT and D-LFT fabrication processes.

StarRov® 485 direct rovings are easy to unwind due to even tension, and low fuzz generation. The wettability of StarRov® 485 is excellent which contributes to very good mechanical properties of polypropylene reinforced composite applications in the transportation and automotive segments.

Resin compatibility:

- Polypropylene

Benefits:

- Excellent opening of the bundles.
- Designed for LFT, D-LFT and TP-Pultrusion.
- Fast impregnation and superior wet-out.
- Excellent dry strength performance.
- Good processing and low fuzz.
- Minimal sizing rub-off at contact points.
- Low VOC (Volatiles, odor and C-emission).
- Excellent for weaving processes.
- Excellent mechanical properties in PP.



Designation: Glass type is E-Glass

JM Designation	Region	LOI content (%)	Moisture content Max.(%)	Linear density Tex/Yield
StarRov® LFT 485 AH 207	NA	0.55	0.10	2400/207
StarRov® LFT 485 AH 225	NA	0.55	0.10	2200/225
StarRov® LFT 485 DH 450	NA	0.6	0.10	1100/450

Bobbin dimensions:

Region	Typical weight (Lbs)	Inner diameter (inch)	Outer diameter (inch)	Height (inch)
NA	39	6 ³ / ₈	11 ¹ / ₄	10

Packaging:

Region	Packaging wrap	Pallet dimensions (inch)	Net weight per pallet (Lbs)	Bobbins per pallet
NA	Stretch wrap	48 x 48	2500	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



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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