

# StarStran® 413 LCF

LONG CHOPPED

## Product description:

StarStran® LCF fiber glass chopped strands are produced by chopping E glass fibers at specified lengths. StarStran® 413 LCF chopped fibers are coated with a chemical sizing to provide reinforcement of polypropylene lightweight composite panels used in automotive, appliances and industrial markets.

## Benefits:

- Improved productivity
- Excellent dispersion in aqueous media
- Product consistency
- Controlled moisture content
- Supply security
- Formaldehyde free
- Strong lightweight composite panels

## Resin compatibility:

- Polypropylene



**Designation:** Glass Type is E-Glass

JM Designation	Region	Filament diameter (µm)	Sizing designation	Chopped strands length (mm)
StarStran® LCF EC 16 413 12.7 mm	NA	16	413	12.7

**Technical Data:**

Region	JM Designation	LOI content (%) ISO 1887	Moisture content (%) ISO 3344
NA	StarStran® LCF EC 16 413 12.7mm	0.08	12

**Packaging:**

Region	Packaging type	Pallet dimensions (inches)	Net weight per pallet (Lb.)	Container per pallet
NA	Bulk Carton	45 X 36	1600	1
	Returnable bin	48.6 X 44.7	2415	1

**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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