

## Product Description

TufRov™ 4588 roving from NEG is suitable as a multi-purpose long fiber thermoplastic (LFT) reinforced roving. TufRov 4588™ roving is compatible with thermoplastic resins such as polyamide 6 (PA6), polyamide 66 (PA66), polyethylene terephthalate (PET), polyethylene (PE), polybutylene terephthalate (PBT), isostatic polypropylene (PP) and high-temperature resins such as polyphenylenesulfide (PPS) and polyetherimide (PEI). Each package is wrapped in film and each pallet is stretch wrapped to protect from dirt and moisture. It is available in standard bulk pack with various stack packs available upon request.

## User Benefits

- Excellent spread ability of the roving bundle in thermoplastic pultrusion and LFT processes.
- Sizing on the fiber surface has been tailored to provide optimal balance of dry strength, fiber:resin wetting and minimal sizing rub-off on process contact points.
- Excellent product molding processing in all LFT processes.
- Available in inside unwinding. Low tex yields are available in outside unwinding upon request.
- Excellent package transfer efficiency through the use of an outer adhesive film.
- Supported by NEG’s extensive technical resources.
- Manufacturing facilities operate quality management systems that comply with ISO 9001:2015 requirements.

### Packaging

- 48 packages/pallet
- 20 kg (44 lbs.) /package

Type of Fiber	E-Glass (ASTM D 578-05, Section 4.2.2)					
Type of Sizing	Silane					
Roving Tex, nominal (g/km)	735	1100	1200	2200	2400	4400
Roving Yield, nominal (yd/lb)	675	450	413	225	206	113
Average Fiber Diameter (µm)	14	16	17	16	17	24

Other Tex/Yield options are available upon request. Contact your NEG Account Manager.

## Storage

These products should be stored in a cool and dry area. Protect product from all sources of water at all times. A First-in-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions. Prior to use, products should be conditioned in the work area for a minimum of 24 hours. If contents of a package unit are partially used, the unit should be closed until the next use. With proper storage, there are no known limitations on the shelf life of the product. To ensure optimal performance, retesting for mechanical properties and feeding behavior is recommended for products stored more than two years from the original production date. To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two (2) high as noted on individual shipping containers.

## More Information

<http://www.neg.co.jp/inquiry/>

<http://www.neg.co.jp/en/inquiry/>

NEG reserves the right to modify this document without prior notice.

**NOTE:** This data is offered for informational purposes only in the selection of a composite reinforcement.

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