

Product Description

TufRov™ 4599 roving from NEG is a tailor-made reinforcement for long fiber polypropylene (PP) processes such as granulate long fiber thermoplastic (GLFT), continuous long fiber thermoplastics and direct long fiber thermoplastic (DLFT). Each package is film wrapped and each pallet is stretch wrapped to protect from dirt and moisture. Product is available in standard bulk pack with various stack packs available upon request.

User Benefits

- Excellent processing and coupling in all LFT processes for molding of long fiber thermoplastic PP products.
- 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 wet out with various types of PP resin systems.
- Excellent spread ability of the roving bundle in thermoplastic pultrusion and 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	1460	2200	2400
Roving Yield, nominal (yd/lb)	675	450	413	340	225	206
Average Fiber Diameter (µm)	14	16	17	14	16	17

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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