



# PPG Fiber Glass Europe

## TufRov<sup>®</sup> 4854

*TufRov 4854 is a tailor made multi end roving for the production of needled mat. PP-GMT (Glass Mat reinforced Thermoplastics). This product is also an excellent choice for direct LFT PP processes.*

### USER BENEFITS:

- Excellent chopping performance in long blade chopping operations for needled mat production, with good clean cutting and bobbin unwinding.
- No generation of static electricity.
- Good lay down pattern in processes with continuous strand needled mat production.
- Excellent processing in direct LFT process for direct moulding of long fiber thermoplastic PP products.
- Excellent wet out with various types of polypropylene resin systems.
- Available in inside payout.
- Provides an optimum balance of sizing functions.





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### PRODUCT DESCRIPTION.

Property	Description
Type of Fiber	E-Glass
Type of sizing	Silane, PP compatible
Fiber Diameter, nominal $\mu\text{m}$	15 (other diameters on request)
Nominal Sizing content	0.6%
Nominal Roving tex (g/km)	1200 & 2400 (other tex values on request)
Nominal Strand tex	67 (other values on request)
Suitable for	GMT and Direct LFT (PP)

### PACKAGING.

48 packages/pallet.

Each package individually wrapped in plastic film.

Package weight 23 kg .

Rovings packed in cardboard to protect the rovings from dirt and moisture.

TufRov 4854 is available in bulk pack and various stack pack arrangements; details are available on request.

### STORAGE.

Roving should be stored upright and protected from impact damage; damaged cheeses will not unwind correctly. It is recommended that glass fiber is kept at a temperature not exceeding 25°C and a relative humidity of 65%  $\pm$  10%. Pallets should be stacked in accordance with the instructions on the individual pallets.

To avoid problems with humidity or static electricity the roving should be conditioned in the working area prior to use.

A First-In-First-Out (FIFO) stock control system is recommended to minimize the influence of storage conditions



## PPG Fiber Glass Europe

Email: [fgeurope@ppg.com](mailto:fgeurope@ppg.com)

Telephone: +31 598 313 216

Fax: +31 598 313 649

Internet: [www.ppgfiberglass.com](http://www.ppgfiberglass.com)