PPG Fiber Glass

TECHNICAL DATA SHEET

Hybon® 2025 Roving

Application: ***Hybon® 2025 Roving*** *is a continuous filament, single-end roving designed specifically to reinforce polyester, epoxy, and vinyl ester resin systems in pultrusion applications. Typical pultrusion end-products include gratings, deck panels and truck door panels, dunnagebars, sewage treatment components, and standard structural shapes.*

- **Wet-out and wet-through are rapid and exceptionally consistent**
- **Good glass distribution and high composite mechanical properties are obtained**
- **Strands are easily opened to expose their filaments with minimal working**
- **Free of catenary**
- **Low rate of dry abrasion over creel contact points**
- **Excellent package transfer efficiency through the use of an outer adhesive film**
- **Supported by PPG's extensive technical resources**
- **Manufactured in compliance with ISO 9002 requirements**

PRODUCT DESCRIPTION			
Type of Fiber	**E-Glass (ASTM D 578-98, paragraph 4.2.2)**		
Filament Diameter, nominal	**T**	**T**	**MN**
Micrometers µm (in X 10^{-5})	**24 (93)**	**24 (93)**	**17 (66)**
Roving Yields (yd/lb), ± 7%	**113**	**250**	**450**
Roving Tex (g/km), ± 7%	**4390**	**1985**	**1100**
Type of Sizing	**Silane**	**Silane**	**Silane**
Percent of Sizing, nominal (by wt. of glass), ± 0.15%	**0.70%**	**0.70%**	**0.55%**

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

Caution: To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two high as noted on individual shipping container.

Storage: These products should be stored at room temperature and at a relative humidity of 65% +/- 10%. To avoid problems with humidity or static electricity, the glass product should be conditioned in the working area prior to use.

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