



## TECHNICAL DATA SHEET

### **Hybon® 2016 Direct Draw Roving**

**Application:** *Hybon® 2016 Roving is made of electrical (E) glass fiber. This roving is compatible with either amine- or anhydride-cured epoxy resin systems. 2016 Roving is designed for filament winding applications, which require maximum wet-out and wet-out consistency together with good abrasion resistance and processing characteristics. It is suitable for applications such as piping in oil-field CO<sub>2</sub> gathering systems and pressure cylinders.*

- Provides strand hardness without sacrificing rapid and complete wet-out
- Excellent payout and package transfer
- Low resin demand during processing
- Compatible with the various resin systems and processing methods
- 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	MN	MN
Micrometers $\mu\text{m}$ (in $\times 10^{-5}$ )	17 (65)	17 (65)
Roving Yields (yd/lb), $\pm 7\%$	250	450
Roving Tex (g/km), $\pm 7\%$	1985	1100
Type of Sizing	Silane	Silane
Percent of Sizing, $\pm 0.15\%$	.50	.70

**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.