



TECHNICAL DATA SHEET

Hybon® 2022 Roving

Application: *Hybon® 2022 Roving is a single end roving for filament winding and weaving/knitting applications and is made of electrical (E) glass fiber. This roving is compatible with polyester, vinyl ester, epoxy, and phenolic resin systems. Hybon® 2022 Roving is designed for applications that 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 CO₂ 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
- Excellent package transfer efficiency through the use of an outer adhesive film
- Supported by PPG's extensive technical resources
- Product is manufactured in conformance to ISO 9002 requirements

PRODUCT DESCRIPTION

Type of Fiber	E-Glass (ASTM D578-98, paragraph 4.2.2)													
Type of Sizing	Silane													
Roving Yields, nominal ± 7% (yd/lb)	103	206	218	225	250	288	330	413	450	675	827	900	1200	1800
Tex, nominal ± 7% (g/km)	4800	2400	2275	2200	1985	1722	1500	1200	1100	735	600	550	413	276
Fiber Diameter, nominal	T	MN	MN	T	M	LM	Q	MN	MN	K	K OR MN	M	K OR MN	K
Micrometers, µm	24	17	17	24	16	15	20	17	17	13	13 OR 17	15	13 OR 17	13
Percent of Sizing (by wt. of glass)	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55

PACKAGING & PALLETIZING DATA

Packaging Option 1:

- Yields: 103, 206, 413, 827 & 900
- 48 packages/pallet
- Pallet weight: 980 kg
- Package weight: 20.4 kg

Packaging Option 2:

- Yields: 218, 225, 250, 288, 330, 450, 675, 1200 & 1800
- 60 packages/pallet
- Pallet Weight: 1,225 kg
- Package Weight: 20.4 kg

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

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.

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