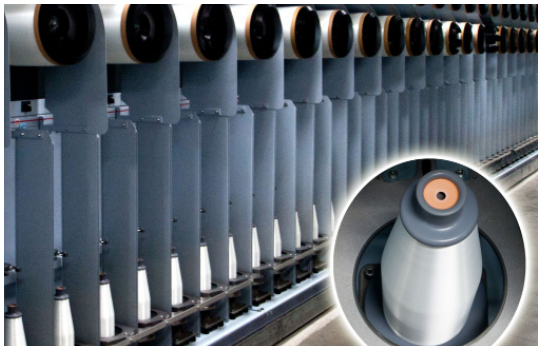
G150 (EC9 34) Single End Yarn



Product Description

G150 (EC9 34) Single End Yarn from PPG Fiber Glass is produced by twisting several hundred fiberglass filaments, each of which is approximately 9.0 microns in diameter. These 34 tex yarns are used for many applications including electronic grade glass fabric for printed circuit boards (PCBs), personal computer and peripheral equipment, telecommunication devices, digital equipment, cell phones and automotive boards. As an industrial material, it is used in sleeving products and axle material for grinding wheels and as a reinforced cloth for civil construction.

User Benefits

- Outstanding electrical insulation properties, suitable for the base material of the information and electronic industry.
- High tensile strength.
- Good dimensional stability.
- High heat, chemical and flame resistance.
- Manufacturing facilities operate quality management systems that comply with ISO9001:2008 requirements.

Packaging

Bobbin 31 (RPS-Returnable Packaging System)

- 168 bobbins/pallet (3 layers)
- Pallet area: 55 in. x 45 in. x 44 in. (140 cm x 114 cm x 112 cm)
- Average pallet weight: 1,450 lbs. (660 kg)

Bobbin 53 (RPS-Returnable Packaging System)

- 60 bobbins/pallet (2 layers)
- Pallet area: 55 in. x 45 in. x 37 in. (140 cm x 114 cm x 94 cm)
- Average pallet weight: 1,168 lbs. (530 kg)

Corrugated Cartons Available Upon Request

PPG Fiber Glass

Expertise you trust. Solutions you demand.™

G150 (EC9 34) Single End Yarn

Product Information

Type of Fiber	E-Glass ASTM D578/D578M-05 (2011), Section 4.0				
Product Type	G150				
Binder	611		658	900	
Bobbin	31	53	31	31	53
Average Fiber Diameter in./micron	0.000350" - 0.000399" 8.89 µm - 10.15 µm				
Yarn Yield/Tex (Tolerance ± %)	15,000/34 ± 7.0				
Nominal Pkg. Weight (lbs./kg)	9.8 4.5	19.6 8.9	10.2 4.7	9.4 4.3	20.6 9.3
Min. Bobbin Weight (lbs./kg)	5.0 2.2	10.0 4.5	2.0 0.9	5.0 2.2	10.0 4.5
Metered Bobbin Length (K yds./m)	140.2 128.1	285.6 261.1	140.2 128.2	—	—

Remarks: Additional yarn count, binder spec or usages available upon request.

Property Information

Loss on Ignition - LOI (%)	1.15 ± 0.30		1.25 ± 0.30	0.60 ± 0.30
Moisture Content	0.20 Max			
Twist/Inch Twist/Meter	0.7 28	0.5 20	0.7 28	1.3 52
Tolerance Per Inch (tpi)	± 0.20		± 0.20	± 0.30
Tolerance Per Meter (tpm)	± 8.0		± 8.0	± 12.0
Tensile Strength (lbs./N)	3.5/16		3.5/16	3.5/16

Storage

These products should be stored in a dry area with ambient temperature and relative humidity, optimally from 20^{0}C to 25^{0}C and between 50% and 70%, respectively. 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 shelf life of the product. To insure optimal performance, retesting is recommended for products stored more than three years from the initial production date.

Caution

To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to two (2) high as noted on individual shipping containers.

Americas	ppgfiberglassamericas@ppg.com	1.800.613.0155
Europe	ppfgiberglasseurope@ppg.com	+31.598.313911
Asia	ppgfiberglassasia@ppg.com	+86.21.6091.8500
India	ppgfiberglassindia@ppg.com	+91.20.4011.1448

PPG Fiber Glass

Expertise you trust. Solutions you demand.™

www.ppgfiberglass.com