



# PPG Fiber Glass

## TECHNICAL DATA SHEET PPG CHOPPED STRAND MAT

**Application:** *Chopped Strand Mat is a powder-bound multi-compatible mat designed for use in orthophthalic and isophthalic polyester, vinylester, and epoxy resin systems.*

### PRODUCT DESCRIPTION

Type of Fiber	E-Glass (ASTM D 578-00, paragraph 4.2.2)		
Chopped Strand Lengths	2 inch (5.1 cm)		
Glass Sizing	Silane		
Mat Binder	High Solubility Polyester		
Densities (oz/ft <sup>2</sup> ) (g/m <sup>2</sup> )	1.5	2.0	3.0
	450	600	900
Ignition Loss, nominal	3.2%	3.2%	3.2%
Roll Lengths (at 11" (28cm) diameter)	190 ft (58 m)	150 ft (46 m)	100 ft (31 m)
Standard Widths	38, 50, and 60 inches (97, 127, and 152 cm)		

- Excellent weight uniformity
- Minimal loose fibers
- High wet and dry tensile strength
- Increased mat loft for optimal laminate thickness
- Ease of air release during rollout
- Multi-compatible sizing allows for use in both general purpose and corrosion resins
- Laminate clarity is excellent in a multitude of resins
- Supported by PPG's technical resources

### PACKAGING & PALLETIZING DATA

#### Standard Widths

- All rolls and densities are 11 inches in diameter
- 16 stretch wrapped rolls per 45"x 45" pallet

For further information, please contact your local distributor or PPG sales office.

#### When ordering, specify:

- Chopped Strand Mat
- Density (oz/ft<sup>2</sup>)
- Width (inches)
- Weight desired for each density/width combination (number of pallets)

**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.