

# MILLED GLASS

MILLED GLASS is by E-glass fiber strand through crushing, grinding and screening process and made a very short fibers. The product has good dispersion and not change the resin liquid, is a good filling material of thermosetting and thermoplastic resin to improve surface crack phenomenon, reduce the molding shrinkage rate, and good heat resistance to friction materials; Also can be used as shock reinforced material; Widely used in all kinds of thermosetting and thermoplastic resin.

## Applications :

- Filling material
- Lacquer putty material
- Reinforced material
- High-performance friction material
- Laminate crack

## Specification :

Glass Type	E-Glass	Surface treatment	Silane
Filament Diameter	9~14μm	LOI	0.3~1.5%
Glass Specific Gravity	2.60g/cm <sup>3</sup>	Tensile Strength	70~120cN/tex
Colour	White	Elongation at Break	3400N/mm <sup>2</sup>
Softening Temperature	≈840°C	Modulus	2800~3400cN/tex
Moisture	<0.3%		



## Available Products :

Product code	EMG-50	EMG-100	EMG-200	EMG-400
Average Fiber Length /μm	≈50	≈100	≈200	≈300
Longest Fiber length /μm	≈1000	≈1000	≈1000	≈2000
Appearance	Powdery	Powdery	Slight Flocculent	Flocculent
Bulk Density kg/l	≈0.7	≈0.6	≈0.35	≈0.26
	0.65 ~ 0.75	0.50 ~ 0.65	0.3 ~ 0.4	0.25 ~ 0.28
Measured Fiber Length <125μm	>60	>55	>30	
Measured Fiber Length <250μm	>60	>55	>30	
Measured Fiber Length <1000μm	≈100			
flowability	Good	Good	Average	Poor
Thermal deformation Temperature(PA-6) °C		≈100	≈160	



[www.cpicfiber.com](http://www.cpicfiber.com)



ISO 9001



ISO 14001



OHSAS 18001

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