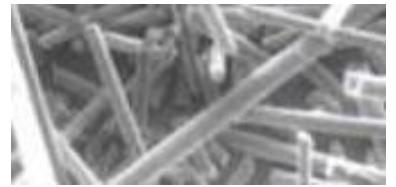


MICROGLASS



PROPERTIES

Microglass are E-glass filaments hammer milled to various bulk densities.

These products are used as a filler/reinforcement in composites to increase mechanical properties (tensile, flexural, impact) and minimize distortion at elevated temperatures, improve dimensional stability.

SPECIFICATIONS

Ref.	Screen Size (inches)	Average Fiber Diameter (microns)	Average Fiber length (microns)	Loose Bulk Density (g/cc)	Moisture Content (%)	Sizing	Appearance
3082	1/32	16	120	1.050	<0.1	Unsize	Powdery
3080	1/32	16	150	0.925	<0.1	Unsize	Powdery
3032	1/32	16	200	0.775	<0.1	Unsize	Powdery
3016	1/16	10	140	0.525	<0.1	Unsize	Floccular
3004	1/4	10	210	0.375	<0.1	Unsize	Floccular
6608	1/8	16	470	0.275	<0.1	Direct Mill	Floccular
6616	1/16	16	290	0.425	<0.1	Direct Mill	Floccular
7280	1/32	16	120	0.925	<0.1	Cationic	Powdery
7232	1/32	16	230	0.775	<0.1	Cationic	Powdery
7216	1/16	10	170	0.525	<0.1	Cationic	Floccular
7204	1/4	10	230	0.375	<0.1	Cationic	Floccular
9110	1/32	16	150	0.925	<0.1	Silane	Powdery
9132	1/32	16	220	0.775	<0.1	Silane	Powdery
9007D	1/16	10	150	0.525	<0.1	Silane	Floccular
9114	1/4	10	160	0.375	<0.1	Silane	Floccular

- **3000 Series = Untreated fibers** compatible with all thermoset and thermoplastic resins
- **6000 Series = Low cost fibers** with higher levels of surface treatment compatible with all thermoset and thermoplastic resins
- **7000 Series = Cationic surface treatment** to accelerate wet out, improve dispersion, and overall processability. Compatible with all thermoset and thermoplastic resins
- **9000 Series = Silane surface treated fibers** for improved bonding between the inorganic glass and the organic resin. Sizings are available for Polyesters, epoxies, phenolics, polyurethanes, polyvinyl chloride and other resin systems

Remark : Color Off – White to white

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