



C GLASSFLAKE MILLED Grade GF750MC

Technical Information

Corrosion resistant glassflake, manufactured from C glass.

Chemical Analysis

SiO ₂	=	64 - 70%
K ₂ O	=	0 - 3%
B ₂ O ₃	=	2 - 7%
ZnO	=	0 - 5%
Na ₂ O	=	10 - 16%
MgO	=	1 - 5%
CaO	=	4 - 10%
Al ₂ O ₃	=	0 - 5%
TiO ₂	=	Nil

Physical Properties

Apparent Density (H ₂ O=1)	0.75
Real Density (H ₂ O=1)	2.60
Softening Temperature DIM 52324	660°C
Melt Temperature (molten - flow)	930 - 1020°C
Refractive Index	1.52

Glass composition may vary slightly from batch to batch

Particle Size Distribution

By Malvern Mastersizer
D50 = 90 +/- 20 µm

Thickness

The nominal thickness of the glass is 5 +/- 2µm

Surface coatings

Glassflake materials are offered with the option of surface pre-treatment from the following range of silane coupling agents;

- 3-Aminopropyltriethoxy Silane (Amino)
- Vinyl trimethoxy Silane (Vinyl)
- γ-Glycidoxypropyltrimethoxy Silane (Epoxy)
- Methacryloxypropyltrimethoxy Silane (Acrylic)

Packaging

GF750MC is packed in 20kg (net.) woven sacks.

Bulk shipments are further packed in pallet boxes containing 20 sacks (400kg net.)

Pallet box dimensions are 1060 x 760 x 970mm.

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This information is given in good faith without guarantee or liability. All Values are approximate.