



# C GLASSFLAKE UNMILLED Grade GF750C

## Technical Information

Corrosion resistant glassflake, manufactured from C glass.

### Chemical Analysis

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

### Physical Properties

Apparent Density (H <sub>2</sub> O=1)	0.17
Real Density (H <sub>2</sub> 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 = 170 +/- 20µm

### 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

GF750 is packed in 20kg (net.) woven sacks.

Bulk shipments are further packed in pallet boxes containing 14 sacks (280kg net.)

Pallet box dimensions are 1060 x 760 x 970mm.