



C GLASSFLAKE MILLED Grade GF750MC

Technical Information

Corrosion resistant glass flake is 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

1000 - 300µm	10% or less
300 - 50µm	65% or more
<50µm	25% or less

Thickness

The nominal thickness of the glass is 3.0 - 7.0 µm

Surface coatings

Glassflake materials are offered with the option of surface pre-treatment with a range of silane silane coupling agents, listed below :

- 3-Aminopropyltriethoxy Silane
- Vinyl trimethoxy Silane
- γ-Glycidoxypropyltrimethoxy Silane
- Methacryloxypropyltrimethoxy Silane

Packaging

GF750MC is packed in 20kg (net.) anti-static, antislip, heat sealed PE sacks.
Bulk shipments are further packed in pallet boxes containing 20 sacks (400kg net.)
Pallet box dimensions are 1200 x 1100 x 800mm

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