



C GLASSFLAKE MICRONISED Grade GF007C

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)	1.20
Real Density (H ₂ O=1)	2.60
Softening Temperature DIM 52324	688°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 2000
D50 = 35µm +/- 15

Thickness

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

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

GF007C is packed in 25kg (net.) anti-static, antislip, heat sealed PE sacks.
Bulk shipments are further packed in pallet boxes containing 20 sacks (500kg net.)
Pallet box dimensions are 1200 x 1100 x 800mm