

C GLASS GLASSFLAKE MILLED Grade GF750M-C



Technical Information

Corrosion Resistant Glassflake is manufactured from a C glass

Chemical Analysis

SiO ₂	=	64 - 70%
K ₂ O	=	0 - 3%
B ₂ O ₃	=	3 - 8%
ZnO	=	0 - 5%
Na ₂ O	=	11 - 18%
MgO	=	1 - 4%
CaO	=	3 - 7%
Al ₂ O ₃	=	0 - 5%
TiO ₂	=	0 - 3%

Glass composition may vary slightly from batch to batch

Physical Properties

Apparent Density (H ₂ O=1)	0.75
Real Density (H ₂ O=1)	2.60
Softening Temperature DIM 52324	688 ^o C
Melt Temperature (molten - flow)	930 - 1020 ^o C
Refractive Index	1.52

Particle Size Distribution

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

Thickness

The thickness of the glass is 5.5 - 9.5µm

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

GF750M-C is packed in 25kg (net.) anti-static, antislip, heat sealed PE sacks
Bulk shipments are further packed in pallet boxes containing 15 sacks (375kg net.)
Pallet box dimensions are 1200 x 1100 x 800mm

Glassflake Ltd., Stafford Street, Off Hunslet Road, Leeds. LS10 1PW
Tel: +44 (0) 113 2703615 Fax: +44 (0) 113 2718750
www.glassflake.com