



Cloud Chemicals

General Information

Product Name : NCF 160
Chemical Name : Glass Flakes
CAS number : 65997-17-3
Type : ECR Glass Flakes (From Modified C Glass)
Application : Anti Corrosion Paint, Epoxy Coating

Physical Property

Real Density : 2.6
Specific Gravity : 2.5
Refractive Index : 1.52
Softening Temperature : 688⁰C
Melt Temperature : 930-1020⁰C

Chemical Analysis

SiO₂ : 64-70%
K₂O : 0-3%
B₂O₃ : 2-5%
ZnO : 1-5%
Na₂O : 8-13%
MgO : 1-4%
CaO : 3-7%
Al₂O₃ : 3-6%
TiO₂ : 0-3%
Glass flakes composition may vary slightly from batch to batch

Particle Size Distribution

450-300 μm : 10% or Less
300-45 μm : 60% or more
<45 μm : 25% or Less
Thickness : 5±2 micron

Packaging Details

Bag Type : HDPE
Bag Size : 25 Kg

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