



# Cloud Chemicals

## General Information

Product Name : NCF 140  
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 : 688<sup>0</sup>C  
Melt Temperature : 930-1020<sup>0</sup>C

## Chemical Analysis

SiO<sub>2</sub> : 64-70%  
K<sub>2</sub>O : 0-3%  
B<sub>2</sub>O<sub>3</sub> : 2-5%  
ZnO : 1-5%  
Na<sub>2</sub>O : 8-13%  
MgO : 1-4%  
CaO : 3-7%  
Al<sub>2</sub>O<sub>3</sub> : 3-6%  
TiO<sub>2</sub> : 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 : 30% or Less  
Thickness : 5±2 micron

## Packaging Details

Bag Type : HDPE  
Bag Size : 25 Kg

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