

Silver Flake Ag F 1203 IP



Rev 0

09/01/13

REFINING AND FINE CHEMICALS · THICK FILM DIVISION

APPLICATIONS

Fine silver flake with very good electrical properties for electrically conductive inks and general industrial purposes.

It is readily dispersable in multiple base formulations. Key applications includes both low and high temperature firing.

TYPICAL PROPERTIES

Silver Content	99.5
% Ag, min	
Density PBD:	4.5 - 5.5
g/cm³	
Size Distribution X10	< 2
µm	
Size Distribution X50	< 6
µm	
Size Distribution X90	< 20
µm	

ANALYSIS METHODS

Silver Content: Ignition at 600°C

Density: ASTM B 527-93 “Standard Test Method for Determination of Tap Density of Metallic Powders and Compounds”

Particle size distribution: Mastersizer2000+Hydro2000S from Malvern Instruments (determined on the wet dispersion)

The information and data regarding the composition, properties, or use of the product described herein is believed to be reliable. However Chimet makes no expressed or implied warranty with respect there to except as made by Chimet in writing at the time of sale.

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