

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

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)

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