

Micromax™ K003L

Microcircuit and Component Materials

Precious Metal Powders

Micromax™ manufactures flake silver powders used in conductive electronic compositions. These powders are used in a wide range of adhesive, shielding, and electrical applications. They are mixed with an organic vehicle and applied or shaped for the intended purpose. The powders are produced in ISO-certified, computer-controlled manufacturing facilities. Quality Assurance data is available on all lots shipped to our customers. Application information and assistance is available from our technical service representatives.

Product information

Silver content

≥99.2 %

Additional information

How to use

Processing

- Silver powder is typically mixed with organic vehicles in concentrations of 30% to 90% by weight. The mixing process design should include as complete a dispersion of the ingredients as necessary. Micromax™ experience in the use of these powders in thick film compositions is extensive.

Properties

Composition Properties

Test	Properties
Surface Area (m ² /gm)	0.57 - 1.17
Tap Density (gm/cm ³)	> 2.6
Na (ppm)	< 100
Extractable Chloride (ppm)	< 10

Information in this datasheet shows anticipated typical physical properties for Micromax™ K003L based on specific controlled experiments in our labs and are not intended to represent the product specifications, details of which are available upon request.

Storage and shelf life

Micromax™ flakes silver powder should be stored at ambient temperatures. Shelf life of materials in unopened containers is unlimited.

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Safety and handling

For safety and handling information pertaining to this product, read Safety Data Sheet (SDS).

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