

Micromax™ 7780

Electronic Inks and Pastes

Additional information

How to use

Processing

- **Substrates**

- Reported properties are based on tests with 96% alumina substrates.
- Substrates of other compositions may yield variations in performance properties.

- **Printing**

- Properties are based on Micromax™ 7780 printed to 20-25µm dried print thickness using 250 mesh stainless steel screen with an emulsion thickness of approximately 15µm.

- **Thinning**

- Micromax™ 7780 is optimized for screen printing and thinning is not normally required. For minor adjustments, Micromax™ thinner 8250 is recommended.

- **Clean-up solvent**

- While traditional screen cleaners work with Micromax™ 7780, Axarel® 2200, a non CFC alternative, is recommended.

- **Drying**

- Prints should be allowed to level at room temperature for 5-10 minutes and then dried for 10 minutes at 150°C.

- **Firing**

- Properties are based on a 60 minute firing cycle with 10 minutes at a peak of 850°C.

Properties

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Storage and shelf life

Containers should be stored, tightly sealed, in a clean, stable environment at room temperature (<25°C). Shelf life of material in unopened containers is six months from date of shipment. Some settling of solids may occur and compositions should be thoroughly mixed prior to use.

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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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