

Micromax™ 6277

Electronic Inks and Pastes

Electrical properties

Surface resistivity	$\leq 18^{[5]}$ mOhm per square
[5]: @15µm	

Storage and stability

Shelf life	6 ^[6] months
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[6]: in unopened containers, from date of shipment, at room temperature (<25°C)

Additional information

How to use	Design & compatibility
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- **Compatibility**

- No significant shifts in Resistivity or TCR when used to terminate Micromax™ QS87 Resistors.

Processing

- **Printing**

- Micromax™ 6277 prints easily using 200-325 mesh stainless steel screens with a 10-15 µm emulsion, at printing speeds up to 25 cm/s (10in/s).

- **Drying**

- Allow prints to level at room temperature, then dry in a well ventilated oven or belt dryer.

- **Firing**

- Fire in well ventilated moving conveyor furnace, in air with a 30-60 minute cycle to a peak temperature of 850°C.

Properties

Typical Physical Properties

Test	Properties
Solder Acceptance ^{*1} on Al ₂ O ₃	Excellent

*1 Excellent characterized as greater than 95%, wetting smooth solder film after 5 seconds dip in 62Sn/36Pb/2Ag solder at 220°C using mildiy-activated flux. Equivalent results for 30 or 60 minute firing prosiles.

Information in this datasheet shows anticipated typical physical properties for Micromax™ 6277 based on specific controlled experiments in our labs and are not intended to represent the

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product specifications, details of which are available upon request.

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.

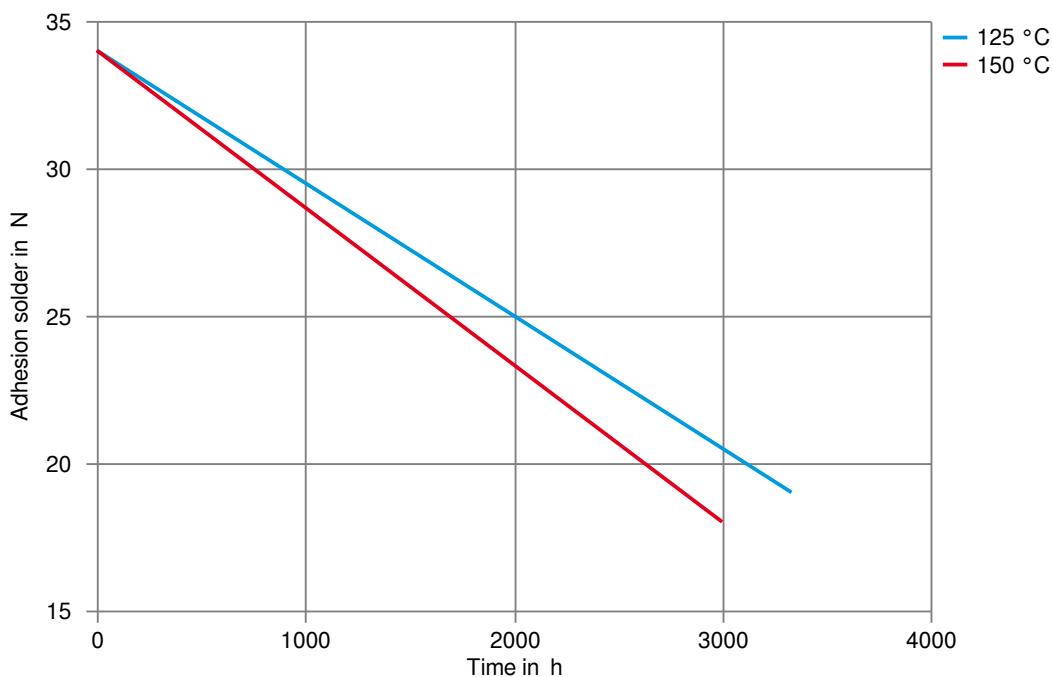
Safety and handling

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

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Adhesion solder after heat ageing 0



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