Solder plus Support

RMA CORED WIRE

FEATURES

- Rosin Mildly Activated
- Promotes Thermal Transfer
- ROL0 per J-STD-004B
- Glycol-Free
- Fast Wetting Properties

DESCRIPTION

RMA cored wire is a mildly activated, general-purpose wire solder for use in electronics soldering applications. RMA cored wire provides excellent tarnish and oxide removal producing shiny solder joints. RMA cored wire complies with MIL-F-14256 and QQ-S-571 specifications. RMA cored wire produces slight to moderate post-process residues that may be left on the substrate or removed with commercially available flux removers.

STANDARD AVAILABILITY

RMA cored wire is available in common alloys, diameters and spool sizes. Other alloys, diameters and spool sizes may be available upon special request.

APPLICATION

Solder iron tip temperature should be between 350° - 400°C (650° - 750°F) for Sn63, Sn62 and Sn60 alloys, 370° - 425°C (700° - 800°F) for SN100C®, Sn/Ag and Sn/Ag/Cu (SAC305, SAC405, CASTIN, etc.) alloys.

HANDLING & STORAGE

Time	Temperature
7 Years	< 85°F (< 29°C)

Store cored wire in a clean, dry area away from moisture and sunlight. Do not freeze this product.

CLEANING

Post-process residues can remain in place or be removed with commercially available flux removers. IPA is not recommended. Contact AIM for more detailed cleaning information.

SAFETY

Use with adequate ventilation and proper personal protective equipment. Refer to the accompanying Safety Data Sheet for any specific emergency information. Do not dispose of any hazardous materials in non-approved containers.

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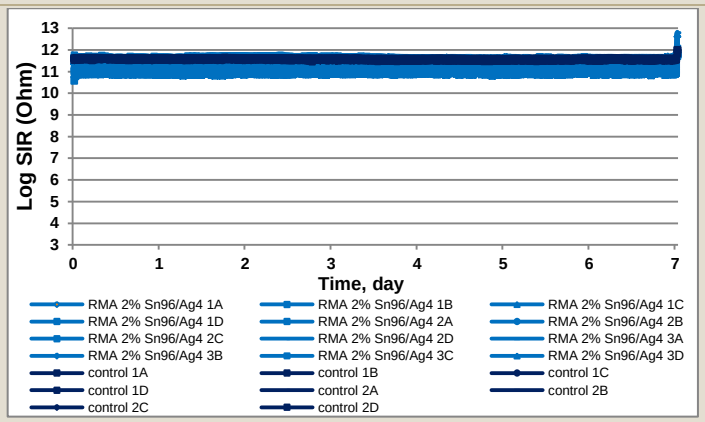
TEST DATA SUMMARY

Name	Test Method	Results	
IPC Flux Classification	J-STD-004	ROL0	
IPC Flux Classification	J-STD-004B 3.3.1	ROL0	
Name	**Test Method**	**Results**	**Image**
Copper Mirror	J-STD-004B 3.4.1.1 IPC-TM-650 2.3.32	LOW	
Corrosion	J-STD-004B 3.4.1.2 IPC-TM-650 2.6.15	PASS	
Quantitative Halides	J-STD-004B 3.4.1.3 IPC-TM-650 2.3.28.1	0.0%	
Qualitative Halides, Silver Chromate	J-STD-004B 3.5.1.1 IPC-TM-650 2.3.33	PASS	
Qualitative Halides, Fluoride Spot	J-STD-004B 3.5.1.2 IPC-TM-650 2.3.35.1	No Fluoride	
Surface Insulation Resistance	J-STD-004 3.4.1.4 IPC-TM-650 2.6.3.3	PASS	
	J-STD-004B 3.4.1.4 IPC-TM-650 2.6.3.7	PASS	
Acid Value Determination	J-STD-004B 3.4.2.2 IPC-TM-650 2.3.13	159 ± 2 mgKOH/g flux Typical	

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Name	Test Method	Results	Image
Visual	J-STD-004B 3.4.2.5	PASS	
Wetting	J-STD-005A 3.9 IPC-TM-650 2.4.45	PASS	
Fluoride	J-STD-004B IPC-TM-650	PASS	
Spread	J-STD-004B 3.7.2 IPC-TM650 2.4.46	PASS	

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