Solder plus Support

OAJ WATER SOLUBLE CORED WIRE

FEATURES

- Excellent Wetting Properties
- High Activity Level
- Reduces Oxidation of Solder Iron Tip
- Residue Washes Easily with DI Water Alone
- Excellent Thermal Transfer

DESCRIPTION

OAJ Flux Cored Solder Wire has been formulated with an innovative amine neutralized halide-activator system. This novel system offers a high activation level that provides rapid oxide removal and maximum capillary action, resulting in faster wetting on all surface finishes and plating. OAJ flux residues MUST be removed after soldering. IPC flux classification – ORH1.

STANDARD AVAILABILITY

OAJ Cored Wire is available in Sn/Pb, SAC305 and SN100C® alloys. Other alloys, diameters and spool sizes may be available upon 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	Conditions
3 years	Cool < 30°C (< 86°F) Dry < 75%Rh

Store cored wire in a clean, dry area away from moisture and sunlight. Avoid freezing.

CLEANING

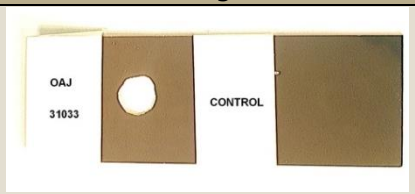
Post-process residues can remain in place up to 8 hours*. Flux residue can be removed with normal tap water @ 38º - 60ºC (100° - 140°F) with a DI water final rinse. Use of a pressurized spray cleaning system is suggested, but is not required.

*Environment and application dependent

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.

TEST DATA SUMMARY

Name	Test Method	Results	
IPC Flux Classification	J-STD-004	ORH1	
IPC Flux Classification	J-STD-004B 3.3.1	ORH1	
Name	**Test Method**	**Results**	**Image**
Copper Mirror	J-STD-004B 3.4.1.1 IPC-TM-650 2.3.32	High - > 50% Removal	
Corrosion	J-STD-004B 3.4.1.2 IPC-TM-650 2.6.15	Major Corrosion	Uncleaned
Quantitative Halides	J-STD-004B 3.4.1.3 IPC-TM-650 2.3.28.1	≥ 2.0% Typical	
Qualitative Halides, Silver Chromate	J-STD-004B 3.5.1.1 IPC-TM-650 2.3.33	Halides Detected	
Qualitative Halides, Fluoride Spot	J-STD-004B 3.5.1.2 IPC-TM-650 2.3.35.1	None Detected	
Surface Insulation Resistance	J-STD-004 3.4.1.4 IPC-TM-650 2.6.3.3	>100MΩ	Cleaned
Surface Insulation Resistance	J-STD-004B 3.4.1.4 IPC-TM-650 2.6.3.7	>100MΩ	Cleaned
Flux Solids, Nonvolatile Determination	J-STD-004B 3.4.2.1 IPC-TM-650 2.3.34	100% Typical	
Acid Value Determination	J-STD-004B 3.4.2.2 IPC-TM-650 2.3.13	104 ± 2.68 Typical	
Visual	J-STD-004B 3.4.2.5	White Solid	
Wetting	J-STD-005A 3.9 IPC-TM-650 2.4.45	PASS	
Fluoride	J-STD-004B IPC-TM-650	PASS	
Flux Spreading	J-STD-004B 3.7.2 IPC-TM-650 2.6.14.1	PASS	
Metal/Flux Content	J-STD-005A 3.4 IPC-TM-650 2.2.20	98% / 2%	
Spread	J-STD-004B 3.7.2 IPC-TM650 2.4.46	PASS	
Cleanliness	TM125-03	PASS	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Solder ***category:***

Click to view products by AIM ***manufacturer:***

Other Similar products are found below :

600YSY 701-2758 707-1746 707-1748 707-1811 707-1813 707-1831 707-1840 707-1850 707-1852 13-217-3-01 P10695 SN63WRAP3-.022-1-LB 24-6040-0007 DAC-061 599Z 701-2089 707-0285 707-0366 707-0441-26 707-1774 707-1810 24-6337-9727 601Y 24-9574-7619 24-4060-2437 14-6040-0125 04-0595-0000 V5S35[42G]217 V8B45[60G]138 V5B45[42G]138 V3B45[20G]138 XGS20[20G]158 631960 SW02-10 S2626-O-T 8055 5760140 TRWR-204 1152 EC2002M-1 WPT17 WS6016 760-2028 8001115 8001073 8001495 41-096-0203N ART.AGT-030 54068