

## SPECIFICATION

**NAME:** KR-19SH RMA Sn60 P2 Cored Solder Wire

Lot No.	Type
	KR-19SH RMA Sn60 P2 Flux Content P2 (1.6-2.6%) Dia(mm): 0.3, 0.38, 0.5, 0.65, 0.8, 1.0, 1.2, 1.6

### **Nihon Almit Co. Ltd.**

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**1. Product Name :** Almit KR-19SH RMA Sn60 P2

**2. Scope :** This spec. is specified for the Almit KR-19SH RMA Sn60 P2 delivered by Nihon Almit Co., Ltd. to Company \_\_\_\_\_ .

**3. Dimension :** Mass & allowances are as followings.

Dia (mm)								Weight of one reel (Kg. NET)
0.3	0.38	0.5	0.65	0.8	1.0	1.2	1.6	0.5
±0.05								+0.01 -0

**4. Physical Properties :**

Solidus	Liquidus	Specific Gravity
183°	190°	8.5

**5. Characteristics :**

Items	Characteristics	Test Methods
Solids Content, Flux (%)	P2 (1.6–2.6%)	IPC-TM-650:2.3.34
Copper Mirror Test	Pass	IPC-TM-650:2.3.32
Silver Chromate	Pass	IPC-TM-650:2.3.33
Corrosion Test	Pass	IPC-TM-650:2.6.15
SIR (85%, 85%, 168hr, measured out of Chamber) (Ω)	≥ 1×10 <sup>9</sup>	IPC-TM-650:2.6.3.3
Quantitative Halide	L 1	IPC-TM-650:2.3.35
Flux materials composition	RE	J-STD-004:1.2

**6. Chemical Composition (%) :**

Composition	Principal Component		Impurities					
	Sn	Pb	Sb	Cu	Bi	Zn	Fe	Al
Standards	60.5 ±1	Balance	≤0.50	≤0.080	≤0.10	≤0.005	≤0.020	≤0.005
Composition	Impurities							
	As	Cd	Au	Ag	In	Ni	P	S
Standards	≤0.030	≤0.005	≤0.080	≤0.10	≤0.10	≤0.010	≤0.010	≤0.005

**7. Lot size :** A lot contains 500kg which is the amount of a single melting.

**8. Packing :**

Individual Package		Outer Package	
Unit	Packing	Unit	Packing
0.5, 0.8, 1.0 kg	Plastic Bag	5, 8, 10 kg	Cardboard

**9. Identification :**

Unit		Cardboard	
Name	KR-19SH RMA Sn60 P2	Name	KR-19SH RMA Sn60 P2
Sn Content	Sn60	Sn Content	Sn60
Flux Content	P2 (1.6-2.6%)	Flux Content	P2 (1.6-2.6%)
Diameter	mm	Diameter	mm
Weight	(EX. net 500g)	Weight	(EX. net 5 kg)
Lot No.	(EX. 03.2.3)	Lot No.	(EX. 03.2.3)
Maker	Nihon Almit Co., Ltd.	Maker	Nihon Almit Co., Ltd.

**12. Maker Address:** Nihon Almit Co., Ltd., Almit Bldg., 2-14-2 Yayoicho, Nakano-ku, Tokyo, 164, Japan

**13.** In case of changing this spec., it must be accepted by

**14.** This product is manufactured, using all guaranteed materials according to the "LAW ON INSPECTION AND MANUFACTURING OF CHEMICAL SUBSTANCES".

**15.** The basic quality of solder and flux of this product conforms to Federal Spec. QQ-S-571F.

**16. Shelf life:**

Up to two (2) years from the manufactured date (Lot number).