

SPECIFICATION

NAME: KR-19SH RMA Sn60 P3 Cored Solder Wire

Lot No.	Type
	KR-19SH RMA Sn60 P3 Flux Content P3 (2.7-3.9%) Dia(mm): 0.3, 0.38, 0.5, 0.65, 0.8, 1.0, 1.2, 1.6

Nihon Almit Co. Ltd.

- Head Office:** Almit Bldg., 2-14-2 Yayoicho, Nakano-ku, Tokyo, 164
Japan, Tel: +81 3-3379-2277, Fax: +81 3-3374-2593
- Osaka Office:** Ashiike Bldg. No. 2, 3-6-28, Minamisenba, Chuo-ku, Osaka,
542 Japan, Tel: +81 6-252-5039, Fax: +81 6-252-5026
- Kyushu Office:** Fukuoka D Bldg., 2-12-26, Hakataekimae, Hakata-ku,
Fukuoka, 812 Japan,
Tel: 092-483-0367 Fax: 092-483-0324
- Chubu Almit:** Meisho Bldg. 8F, 4-1-3, Ohsu, Naka-ku, Nagoya, 460 Kogyo,
Japan, Tel: +81 52-241-1171, Fax: +81 52-241-2426
- Almit GmbH:** Dekan-Groh-Strasse 4, D-64720 Michelstadt/ near Frankfurt,
Germany
Tel.: +49 6066 969 100, Fax: +49 6066 969 102

1. Product Name : Almit KR-19SH RMA Sn60 P3

2. Scope : This spec. is specified for the Almit KR-19SH RMA Sn60 P3 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 (%)	P3 (2.7-3.9%)	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 ⁹	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 P3	Name	KR-19SH RMA Sn60 P3
Sn Content	Sn60	Sn Content	Sn60
Flux Content	P3 (2.7-3.9%)	Flux Content	P3 (2.7-3.9%)
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).