

SPECIFICATION

NAME : GUMMIX SB RMA Sn60 P2 Cored Solder Wire

Lot No.	Type
	GUMMIX SB 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

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1. Product Name : GUMMIX SB RMA Sn60 P2

2. Scope : This spec. is specified for Almit GUMMIX SB RMA Sn60 P2 delivered by Nihon Almit Co., Ltd. to Messrs. _____ .

3. 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

4. Physical Properties :

Solidus	Liquidus	Specific Gravity
183°C	190°C	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 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. Diameter, Net Weight and Allowance:

Dia (mm)								Net Weight of One Spool (kg)		
0.3	0.38	0.5	0.65	0.8	1.0	1.2	1.6	0.5	0.8	1.0
±0.05								+0.01 -0		

0.3mm- 1.6mm = 0.5 kg spool

7. Lot Size : 500 kgs (amount of single melting)

8. Packing :

Individual Package		Outer Package	
Unit	Packing	Unit	Packing
0.5, 0.8, 1 kg	Plastic Bag	5, 8, 10 kg	Cardboard

9. Identification :

Spool		Cardboard	
Name	GUMMIX SB RMA Sn60 P2	Name	GUMMIX SB RMA Sn60 P2
Sn Content	Sn60	Sn Content	Sn60
Flux Content	P2	Flux Content	P2
Diameter	mm	Diameter	Ø
Net Weight	Ex. 0.5 kg	Net Weight	Ex. 5 kg
Lot No.	Ex. 04.5.-1	Lot No.	Ex. 04.5.-1
Maker	Nihon Almit Co., Ltd.	Maker	Nihon Almit Co., Ltd.

10. Maker Address :

Nihon Almit Co., Ltd. Productive Engineering Center
8154-227, Uenohara, Kitatsuru-gun, Yamanashi, 409-0112 Japan

11. In case of changing this spec., it must be accepted by _____ .

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

13. Shelf Life :

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