



DATE:

TO:

S P E C I F I C A T I O N

NAME: almit SR-37 LFM-48S 3.5%

Lot No.	Kind
	almit SR-37 LFM-48S Flux Content 3.5% Dia(mm): 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, Tokyo164, **Japan.**
Tel: 03-3379-2277 Fax: 03-3374-2593

Almit Technology Ltd: Unit 7, Forest Row Business Park, Station Road, Forest Row,
East Sussex. RH18 5DW. **England**
Tel: +44(0)1342 822 844 Fax: +44(0)1342 824 155

Almit GmbH: Ohrnbachtalstr.33, D-64720. Michelstradt. **Germany.**
Tel: +49 0600-969 100 Fax: +49 6066-969 102

Venso Elektronik AB: Ogardesvagen 21, SE-433 30 Partille, **Sweden**
Tel: +46(0)31 3400250 Fax: +46(0)31 3400275

1. Product Name:

almit SR-37 LFM-48S 3.5%

2. Scope:

This spec. is specified for almit SR-37 LFM-48S 3.5% delivered by Nihon Almit Co., Ltd. to Messrs.

3. Chemical Composition (%):

Composition	Principal Component			Impurities				
	Sn	Ag	Cu	Pb	Sb	Bi	Zn	Fe
Standard	Remainder	3.0 ±0.2	0.5 ±0.2	≤0.05	≤0.10	≤0.05	≤0.001	≤0.02
Composition	Impurities							
	Al	As	Cd					
Standard	≤0.001	≤0.03	≤0.002					

4. Physical Properties:

Solidus	Liquidus	Specific Gravity
217°C	221°C	7.4

5. Characteristics:

Items	Characteristics	Test Methods
Solids Content, Flux (%)	3.5(3.0 – 4.0)	IPC-TM-650:2.3.34
Quantitative Halide	M1	IPC-TM-650:2.3.35
Corrosion Test	Pass	IPC-TM-650:2.6.15
SIR (85°C,85%,168hr, measured out of Chamber) (Ω)	≥ 1 × 10 ⁸	IPC-TM-650:2.6.3.3
Flux materials composition	RE	J-STD-004:1.2

6. Diameter, Net Weight and Allowance:

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

0.3 – 0.5mm=0.5 kg spool, 0.65 – 1.6mm=0.8 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 kg	Plastic Bag	5, 8 kg	Cardboard

9. Identification:

Spool		Cardboard	
Name	almit SR-37 LFM-48S	Name	almit SR-37 LFM-48S
Flux Content	3.5%	Flux Content	3.5%
Diameter	m/m	Diameter	ϕ
Net Weight	Ex. 800 g	Net Weight	Ex. 8 kg
Lot No.	Ex. 01.5.-1	Lot No.	Ex. 01.5.-1
Maker	Nihon Almit Co., Ltd.	Maker	Nihon Almit Co., Ltd.

10. Maker Address:

Nihon Almit Co., Ltd. Productive Engineering Centre
8154-227, Uenohara, Uenohara-city, 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".