

Trade Name:
GUMMIX 21Zeta LFM-23 S
1. Company Address

Almit GmbH Tel.: +49 6061 96925-0
 Unterer Hammer 3 Fax: +49 6061 96925-18
 Deutschland
 (D) 64720 Michelstadt -
 bei Frankfurt

2. Validity

This specification is specified for:
 Solder Wire Lead Free GUMMIX 21Zeta
 LFM-23 S
 Delivered by Almit GmbH to:

3. Diameter & Allowance

Diameter (mm)										
0.2	0.3	0.38	0.5	0.65	0.8	1.0	1.2	1.6	2.0	2.7

3.1. Deliverable Reel Size

Net Weight per Reel (kg)			
0.1	0.5	0.8	1.0
± 0.01			

4. Physical Properties

Solidus °C	Liquidus °C	Specific Gravity
228	229	7.3

5. Characteristics

Test	Characteristics	Test Methods
Flux Content	3.5% 3.0 ~ 4.0 (%)	IPC-TM-650:2.3.34.1
Copper Mirror Test		n.a
Silver Chromate	n.a	n.a
Flux materials composition	RE	J-STD-004A
Quantitative Halide	L1 < 0.5%	J-STD-004A
SIR (85°C, 85%, 168hr) (Ω)	≥ 1 x 10 ⁹	IPC-TM-650:2.6.3.3
Corrosion Test	pass	IPC-TM-650:2.6.15

6. Chemical Composition

Composition	Components						
	Sn	Cu	Pb	Sb	Bi	Au	In
Standard	Rest	0.6	≤0.05	≤0.10	≤0.05	≤0.05	≤0.10
Composition	Components						
	Al	As	Cd	Fe	Ni	Zn	
Standard	≤0.001	≤0.03	≤0.002	0.035	0.05	≤0.001	

7. Lot Size

A single lot contains 500kg which is the amount of one melting.

8. Identification

	Reel	Cardboard
Name	GUMMIX 21Zeta LFM-23 S	GUMMIX 21Zeta LFM-23 S
Flux Content	3.5%	3.5%
Diameter	mm	mm
Net-Weight	e.g. 500g	e.g. 5kg
Lot Nr.	e.g. 13.11.25	e.g. 13.11.25
Maker	Nihon Almit Co. Ltd.	Nihon Almit Co. Ltd.

9. Packing

Individual Package		Outer Package
Weight (kg)	Packing	Cardboard
0.05,0.1,1.0	Plastic Bag	
0.5,0.8	Plastic Sheet	

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 specification it should be accepted by

Signature_____ Date_____

12. This product is manufactured, using all guaranteed materials according to the legal law regulations

13. Shelf Life

Up to three (3) years from the manufactured date (lot number).