

JEAN-151-SN100C-T4 Dispenser

Rev: 23.01

Date	2023.02.21
Language	English
SDS	950632



SUMMARY

Pb-free - Halide-free - Premium latest technology No-Clean, Fine Pitch solder paste

PASTE	JEAN-151-SN100C-T4 Dispenser
PROCESS	
No-Clean process	9
Post-solder cleaning	9

INDUSTRY APPLICATION	
Standard electronics	8
Industrial electronics	9
Hi-Rel electronics (automotive)	9

PROCESS CAPABILITY	
Dispenser Air	9
Dispenser Screw	TBD
Jetting	1
Pb-free Profile Air, short	9
Pb-free Profile Air, long	8
Pb-free process N2	9
Vapor phase process	7
Shiny joint appearance	9
Cosmetic cleanliness	8
ICCT compatible	N/A

Legend	
<i>Especially made for this purpose</i>	9 - 10
<i>Generally qualified for this purpose</i>	7 - 8
<i>Generally usable, but not the best choice</i>	5 - 6
<i>Generally not usable for this purpose</i>	3 - 4
<i>Wrong choice</i>	1 - 2

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

Disclaimer:

This information is intended as advice to the best of our knowledge. The provided data is based on our own measurements, they do not provide any guaranteed properties nor are these delivery specifications. Due to the versatility of materials, applications and taking in consideration the industrial property rights of third parties, Balver Zinn Josef Jost GmbH & Co. KG cannot take any liability.

CLASSIFICATION	
DIN-EN-ISO-9454-1: 2016	1.1.3.C
IPC-J-STD-004-A: 2004	ROLO
IPC-J-STD-005: 1995 (Powder)	T4
Particle size	[µm] 20-38

PROPERTIES	
Flux code	JEAN-151
Alloy Code	SN100C
Alloy composition	Sn99.3Cu0.7NiGe
Liquidus	[°C] 227
Solidus	[°C] 227
Recommended peak temp.	[°C] 238-260
Acid number	[mg KOH/g] 123
Flux	[% w/w] 12.3
Residues	Colorless
Tackiness Malcom TK1	JIS-Z-3284 [gf] @ 0h N/A

TEST REPORTS			
IPC/ANSI-J-STD-005			Compliant
Certificate of Compliance			Website
Declaration of Conformity 2011/65/EU (RoHS)			Available
Application Note			EN/DE
Copper Mirror	IPC-TM-650 2.3.32		Pass
Halides	IPC-TM-650 2.3.33	[Silver Chromate]	Pass
Halide	IPC-TM-650 2.3.35.1	[Fluoride by Spot]	Pass
Copper Corrosion	IPC-TM-650 2.6.15		Pass
SIR	IPC-TM-650 2.6.3.3		Pass
ECM	IPC-TM-650 2.6.14.1		Pass

PACKAGING AND STORAGE		
Dispenser 5cc	[g]	10
Dispenser 10cc	[g]	25; 40
Dispenser 30cc	[g]	50; 75; 100; 120
Cartridge	[g]	500; 650
Minimum shelf-life in months	4-10 °C	12