

JEAN-151-SN100C-T4 Dispenser

Rev: 24.06

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 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	
Air Dispenser	9
Screw Dispenser	9
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	8
Conformal coating	8

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.

CLASSIFICATION	
DIN-EN-ISO-9454-1: 2016	1.1.3.C
IPC-J-STD-004-A: 2004	ROL0
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

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	
Packaging syringe 5cc	[g] 10
Packaging syringe 10cc	[g] 25; 40
Packaging syringe 30cc	[g] 50; 75; 100; 120
Packaging cartridge	[g] 500; 650
Minimum shelf-life in months	4-10 °C 12
Minimum shelf-life in months	< 25 °C 6

Disclaimer:

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