

JEAN-151-SN100C-T4

Rev: 20.10

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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	
PROCESS		
No-Clean process		9
Post-solder cleaning		9

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

PROCESS CAPABILITY		
Squeegee		9
ProFlow		TBD
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
Conformal coating		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.

CLASSIFICATION		
DIN-EN-ISO-9454-1: 2016		1122
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]	11.3	
Residues	Colorless		
Tackiness Malcom TK1	IPC-TM-650 2.4.44	[gf] @ 0h	35

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 jar	PP [g]		500
Packaging cartridge	HDPE [g]		650
Packaging cartridge	HDPE [g]		1300
Packaging Cassette Pro-Flow	[g]		800
Minimum shelf-life in months	4-10 °C		12

Disclaimer:

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