

Product	OT2-SCANGe071-T3	
Date	2018.05.18	
Release	15.2	Solder paste
Language	English	

SUMMARY

Pb-free - Low Silver, latest technology No-Clean solder paste - Anti tombstoning - Halide/Halogen free

PASTE	OT2-SCANGe071-T3	
PROCESS		
No-Clean process		5
Post-solder cleaning		5

INDUSTRY APPLICATION		
Consumer electronics		4
Standard industrial electronics		5
Hi-Rel electronics (automotive)		4

PROCESS CAPABILITY		
Squeegee		5
ProFlow		4
Pb-free Profile Air, short		5
Pb-free Profile Air, long		5
Pb-free process N2		5
Vapor phase process		5
Shiny joint appearance		3
Cosmetic cleanliness		5
ICCT compatible		5
Conformal coating		4

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

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

CLASSIFICATION		
DIN-EN-29454-1: 1994		1.1.3.C
IPC-J-STD-004-A: 2004		ROLO
IPC-J-STD-005: 1995 (Powder)		T3
Particle size	[µm]	25-45

PROPERTIES		
Flux code	OT2	
Alloy Code	SCANGe071	
Alloy composition	Sn98.3Cu0.7Ag1NiGe	
Liquidus	[°C]	225
Solidus	[°C]	217
Recommended peak temp.	[°C]	232-260
Acid number	[mg KOH/g]	139.5
Flux	[% w/w]	12.1
Residues	Colorless	
Tackiness Malcom TK1	JIS-Z-3284	[gf] @ 0h
		120

TEST REPORTS			
IPC/ANSI-J-STD-005			Compliant
Certificate of Compliance			Website
RoHS Compliant			Available
Application Note			EN/DE
Copper Mirror	IPC-TM-650 2.3.32		L
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		L
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

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