

Date	2021.03.09
Language	English
SDS	950508



SUMMARY

Tacky flux for Pb-free applications - compatible with JEAN-151 solder pastes

PASTE	151-TEM
PROCESS	
No-Clean process	9
Post-solder cleaning	9

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

PROCESS CAPABILITY	
Printing	6
Pb-free Profile Air, short	9
Pb-free Profile Air, long	8
Pb-free process N2	9
Disc / Dip transfer	9
Long open time	9
Reduces dewetting	8
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.

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CLASSIFICATION	
DIN-EN-ISO-9454-1: 2016	1122
IPC-J-STD-004-A: 2004	ROLO

PROPERTIES		
Flux code	151-TEM	
Solids	[% w/w]	73
VOC content	[% w/w]	Remainder
Filmformer		Rosin
Max. printing speed	[mm/s]	N/A
Recommended peak temp.	[°C]	N/A
Acid number	[mg KOH/g]	123
Residues		Light yellowish
Tackiness Malcom TK1	IPC-TM650 2.4.44	[gf] @ 0h
		N/A

TEST REPORTS			
Certificate of Compliance			Website
Application Note			N/A
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	HDPE [g]	10
Packaging jar	PP [g]	90
Packaging cartridge	HDPE [g]	250
Minimum shelf-life in months	4-10 °C	3