

Date 2025.09.04
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.

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	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	[g/l] @ 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	12