

95-RXZ-M

Rev: 14.1

Date	2021.08.18
Language	English
SDS	950402



Summary

95-RXZ-M is a RELO classified, partially water-based flux for wave soldering. It is based on synthetic resins and prevents solder balls formation.

Flux code	95-RXZ-M	
<b>PROCESS</b>		
No-Clean process		9
Post-solder cleaning		6

INDUSTRY APPLICATION		
Standard electronics		6
Industrial electronics		9
Hi-Rel electronics (automotive)		8

PROCESS CAPABILITY		
Foam fluxing		9
Spray fluxing		9
Short preheat		8
Short contact time		9
Pb-free process Air		8
Pb-free process N2 wave		9
Pb-free process N2 tunnel		9
Skipped joints		9
Solderballing		9
Bridging		9
Promotes wicking		9
PTH filling		9
Cosmetic cleanliness		6
Cosmetic cleanliness N2		8
Shiny joint appearance		8
Pin testability		9
Conformal coating (see AN)		6

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

CLASSIFICATION	
DIN EN 29454-1: 1994	1.2.3.A
IPC-J-STD-004-A: 2004	RELO

PROPERTIES		
Density	@ 20°C [kg/dm³]	0.9
Solid content	[% w/w]	1.8
Acid number	[mg KOH/g]	15.9
Water content	[% w/w]	40
VOC content	[% w/w]	Remainder
Filmformer(s)		Synthetic
Color		Colorless
Odor		Mild Alcoholic
Flashpoint COC	[°C]	19.3
Thinners		308-00

TEST REPORTS			
Certificate of Compliance		Website	
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 can	(HDPE) [liter]	10
Packaging Drum	(HDPE) [liter]	200
Shelf-life in months	20-25 °C	12

**Check material compatibility with every process change!**  
**Industrial chemical product.**  
**Read SDS before use.**

**Disclaimer:**

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