Product Data Sheet

BALVER ZINN®

REGI-GOLD

 Date
 2025.09.02

 Language
 English

 SDS
 950333





Summary

REGI-GOLD is a ROL0 classified, alcohol-based flux for high reliability applications. It is based on natural rosins and has high SIR values.

Flux code	REGI-GOLD		
PROCESS			
No-Clean process		9	
Post-solder cleaning		8	

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

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

Legend		
Especially made for this purpose	9 - 10	
Generally qualified for this purpose		
Generally usable, but not the best choice		
Generally not usable for this purpose		
Wrong choice		

CLASSIFICATION		
DIN EN ISO 9454-1: 2016	1222	
IPC-J-STD-004-A: 2004	ROL0	

PROPERTIES			
Density		@20°C [kg/dm³]	0.8
Solid content		[% w/w]	4.4
Acid number		[mg KOH/g]	25.5
Water content		[% w/w]	0
VOC content		[% w/w]	Remainder
Filmformer(s)			Rosin
Color			Colorless
Odor			Alcoholic
Flashpoint COC		[°C]	13
Thinners			425-00

TEST REPORTS			
Certificate of Compliance			None
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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