

Product Data Sheet

BALVER ZINN[®] COBAR[®]

Product **Tacky Flux**

Tacky Flux / Flux Gel

Date 20.01.2014
Release 14.01

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

FLUX CODE	Summary
385-TEM	Tacky flux for SnPb application
120-TEM	Tacky Flux for Pb-free applications
120-TEM-BC	For Pb-free, Blue colored for better identification

FLUX CODE	385-TEM	120-TEM	120-TEM-BC
PROCESS			
No-Clean process		5	
Post-solder cleaning		3	
INDUSTRY APPLICATION			
Consumer electronics		5	
Standard industrial electronics		4	
Hi-Rel electronics (automotive)		4	
PCB CAPABILITY			
OSP compatible		5	
Ni/Au compatible		5	
Ag/Pd compatible		5	
Ni/Pd compatible		5	
ImAg compatible		5	
ImSn compatible		5	
PROCESS CAPABILITY			
Pb-free process - Ambient	3	5	
Pb-free process N2	3	5	
Vapor phase		4	
Printing		3	
Dispensing		5	
Disc / Dip transfer		5	
Long open time		5	
Reduces dewetting		5	
Reduces flux build up in reflow oven	4	3	
Cosmetic cleanliness	5	4	2
ICCT compatible		3	
Conformal coating		4	
SAFETY			
No corrosion	TBD	TBD	TBD
High SIR	TBD	TBD	TBD

FLUX CODE	385-TEM	120-TEM	120-TEM-BC
ISO 9454-1		1.2.3.A	
IPC-J-STD-004		REM0	
PROPERTIES			
Solids		43	
Viscosity +/- 18%	28	18	
Tackiness force Malcolm TK1 [g]		150	
Acid number [mg KOH] +/- 2.5%	66	120	
VOC content [% w/w]		0	
Filmformer(s)		Synthetic Resin	
Color	Yellowish		Blue
Max. Printing speed [mm/s]		200	
Max. Reflow Temperature [°C]	260	280	
TEST REPORTS			
Bellcore TR-NWT-000078/3		compliant	
Certificate of Compliance		available	
SPC-data		auditable	
User's Guidelines		english	
PACKAGING AND STORAGE			
Syringe (HDPE) [gram]		10	
Jar (PP) [gram]		90	
Cartridge (HDPE) [liter]		250	
Recommended shelf-life in weeks			
Storage temperature [°C]	4-10	52	
Storage temperature [°C]	20	26	

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

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