Product Data Sheet

BALVER ZINN® COBAR®

Product **Tacky Flux** Tacky Flux / Flux Gel

Date 20.01.2014
Release 14.01

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

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.