

Product 396-BS
Date 2018.04.13
Release 16.1
Language English

General wave soldering flux

Summary

Low-VOC -- General wave soldering flux -- Ultra low residues

FLUX CODE	396-BS
PROCESS	
No-Clean process	5
Post-solder cleaning	2
INDUSTRY APPLICATION	
Consumer electronics	3
Standard industrial electronics	5
Hi-Rel electronics (automotive)	4
PROCESS CAPABILITY	
Foam fluxing	3
Spray fluxing	5
Short preheat	3
Short contact time	5
Pb-free process Air	4
Pb-free process N2 wave	5
Pb-free process N2 Tunnel	5
Skipped joints	5
Solderballing	4
Bridging	5
PTH filling	5
Cosmetic cleanliness	5
Cosmetic cleanliness N2	5
Shiny joint appearance	4
Pin testability	5
Conformal coating (see AN)	4

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

CLASSIFICATION	
DIN EN 29454-1: 1994	1.2.2.A
IPC-J-STD-004-A: 2004	REL1

PROPERTIES			
Density		@20°C [kg/dm³]	0.941
Acid number	IPC-TM-650 2.3.13	[mg KOH/g]	14.1
Solid content	IPC-TM-650 2.3.34	[% w/w]	1.5
Water content		[% w/w]	58
VOC content		[% w/w]	Remainder
Color			Colorless
Odor			Mild Alcoholic
Thinners			308-00

TEST REPORTS			
Certificate of Compliance			Website
Application Note			EN/DE

PACKAGING AND STORAGE		
Packaging can	(HDPE) [liter]	10
Packaging Drum	(HDPE) [liter]	200
Shelf-life in months		
Storage temperature	20-25 °C	9

Check material compatibility with every process change!

Industrial chemical product.

Read SDS before use.

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