

Product 396-QMX
Date 2018.04.13
Release 14.1
Language English

General wave soldering flux

Summary

VOC-free -- High reliability flux -- only for SnPb

FLUX CODE	396-QMX
PROCESS	
No-Clean process	5
Post-solder cleaning	3
INDUSTRY APPLICATION	
Consumer electronics	4
Standard industrial electronics	5
Hi-Rel electronics (automotive)	4
PROCESS CAPABILITY	
Foam fluxing	1
Spray fluxing	5
Short preheat	3
Short contact time	4
Pb-free process Air	4
Pb-free process N2 wave	5
Pb-free process N2 Tunnel	5
Skipped joints	5
Solderballing	5
Bridging	5
PTH filling	5
Cosmetic cleanliness	3
Cosmetic cleanliness N2	4
Shiny joint appearance	4
Pin testability	5
Conformal coating (see AN)	3

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]	1.009
Acid number	IPC-TM-650 2.3.13	[mg KOH/g]	15.6
Solid content	IPC-TM-650 2.3.34	[% w/w]	2
Water content		[% w/w]	94
VOC content		[% w/w]	Remainder
Color			Colorless
Odor			none
Thinners			Di-water

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	24

Check material compatibility with every process change!

Industrial chemical product.

Read SDS before use.

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