

Product data sheet

BALVER ZINN[®]
COBAR[®]

Product 396-DRX+
Date 2015.05.01
Release 14.1
Language English

General wave soldering flux

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
396-DRX+	VOC-free -- Ultra low residues -- preferable in N2 atmosphere

FLUX CODE	396-DRX+
PROCESS	
No-Clean process	5
Post-solder cleaning	4
INDUSTRY APPLICATION	
Consumer electronics	3
Standard industrial electronics	5
Hi-Rel electronics (automotive)	3
PCB CAPABILITY	
1-layer, video/tv boards	3
2-layer boards	5
Multi-layer boards	5
OSP compatible	3
Ni/Au compatible	5
ImAg compatible	4
ImSn compatible	5
PROCESS CAPABILITY	
Foam fluxing	1
Nozzle spray fluxing	5
Moderate preheat	3
Short contact time	4
Pb-free process Ambient	4
Pb-free process N2 wave	4
Pb-free process N2 Tunnel	5
Reduces skipped joints	5
Reduces solderballing	4
Reduces bridging	4
Improves TH filling	5
Cosmetic cleanliness	4
Cosmetic cleanliness N2	5
Brilliant joint appearance	4
ICCT compatible	5
Conformal coating	TBD
SAFETY	
Ionic Contamination	N/A
No corrosion	3
High SIR	4

CLASSIFICATION	
ISO 9454-1	2.1.3.A
IPC-J-STD-004	ORL0

PROPERTIES	
Density @20°C [kg/dm³] (+/-0,5%)	1,007
Solid content [% w/w]	2,7
Acid number [mg KOH] +/- 2.5%	22,2
Water content [% w/w]	97,1
VOC content [% w/w]	0
Filmformer(s)	Organic
Color	Colorless
Odor	none
Flashpoint COC [drg c]	None
Thinners	Di-water

TEST REPORTS	
Telcordia GR-78-CORE	Compliant
Certificate of Compliance	Available
SPC-data	Auditable
Application Note	GB/DE

PACKAGING AND STORAGE	
Packaging can (HDPE) [liter]	10
Packaging Drum (HDPE) [liter]	200
Recommended shelf-life in months	
Storage temperature 20 - 25 [°C]	24

Check material compatibility with every process change!
Industrial chemical product.
Read MSDS before use.

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