

<b>Product</b>	<b>OT2-SN100C-T3</b>	
<b>Date</b>	2018.05.18	
<b>Release</b>	15.2	<b>Solder paste</b>
<b>Language</b>	English	

**SUMMARY**

Pb-free - Premium Silver free, latest technology No-Clean solder paste - Halide/Halogen free

PASTE	OT2-SN100C-T3
<b>PROCESS</b>	
No-Clean process	5
Post-solder cleaning	5

INDUSTRY APPLICATION	
Consumer electronics	5
Standard industrial electronics	5
Hi-Rel electronics (automotive)	4

PROCESS CAPABILITY	
Squeegee	5
ProFlow	4
Pb-free Profile Air, short	5
Pb-free Profile Air, long	5
Pb-free process N2	5
Vapor phase process	3
Shiny joint appearance	5
Cosmetic cleanliness	5
ICCT compatible	5
Conformal coating	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

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

CLASSIFICATION	
DIN-EN-29454-1: 1994	1.1.3.C
IPC-J-STD-004-A: 2004	ROLO
IPC-J-STD-005: 1995 (Powder)	T3
Particle size	[µm] 25-45

PROPERTIES		
Flux code	OT2	
Alloy Code	SN100C	
Alloy composition	Sn99.3Cu0.7NiGe	
Liquidus	[°C]	227
Solidus	[°C]	227
Recommended peak temp.	[°C]	238-260
Acid number	[mg KOH/g]	139.5
Flux	[% w/w]	12.1
Residues	Colorless	
Tackiness Malcom TK1	JIS-Z-3284	[gf] @ 0h 120

TEST REPORTS			
IPC/ANSI-J-STD-005			Compliant
Certificate of Compliance			Website
RoHS Compliant			Available
Application Note			EN/DE
Copper Mirror	IPC-TM-650 2.3.32		L
Halides	IPC-TM-650 2.3.33	[Silver Chromate]	Pass
Halide	IPC-TM-650 2.3.35.1	[Fluoride by Spot]	Pass
Copper Corrosion	IPC-TM-650 2.6.15		L
SIR	IPC-TM-650 2.6.3.3		Pass
ECM	IPC-TM-650 2.6.14.1		Pass

PACKAGING AND STORAGE		
Packaging jar	PP [g]	500
Packaging cartridge	HDPE [g]	650
Packaging cartridge	HDPE [g]	1300
Packaging Cassette Pro-Flow	[g]	800
Minimum shelf-life in months	4-10 °C	12

**Disclaimer:**

The information given in this publication has been worked up to the best of the knowledge of Cobar as well as taking into consideration the applicable laws and regulations. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.