

## Technisches Datenblatt Lotdraht C390 (SnPb)

### Product Data Sheet

**Product** Sn63 390-12 **Solder wire**  
**Date** 02.03.09 **Release** 00.1

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>

ISO 9454-1	1.2.3.B
JIS Z3284	1.2.3.N.II
IPC-ANSI-J-STD-004 (Flux)	REM0
No-Clean process	5
Post-solder cleaning	4
Consumer electronics	3
Mid-Rel electronics	4
Hi-Rel electronics	4
OSP compatible	4
Ni/Au compatible	4
Ag/Pd compatible	4
Ni/Pd compatible	5
Ag compatible	5
Sn compatible	3
Lead-free process	1
Manual soldering	5
Robot soldering	3
Rework/repair soldering	5
Moderate tip temperature	3
Promotes tip lifetime	3
Fast wetting	4
Reduces de-wetting	4
Reduces flux voiding	4
Reduces fuming	3
Cosmetic cleanliness	4
Brilliant joint appearance	4
ICCT compatible	5
Conformal coating	5

Flux code	390		
Number of flux cores	5		
Alloy code	Sn63		
Alloy type	Sn63/Pb37		
Liquidus [°C]	183	Solidus [°C]	183
Minimum soldering temperature [°C]	280		
Wire diameter [mm]	1.2		
Flux [% w/w] +/-0.1	0.7		
Metal [% w/w] +/-0.1	99.3		
Filmformer(s)	Synthetic		
Color of the residue	None		
Acid number [mg KOH] +/- 2.5%	700		
Halides AgNO <sub>3</sub> test	Pass		
Bellcore TR-NWT-000078/3			
IPC/ANSI-J-STD-005			
Test report(s)			
ISO-9001 certificate number	45139		
Certificate of Compliance	Available		
SPC-data**			
ISO-14001 certificate number	76588		
Environmental Load Unit***	6.089		
VOC content [% w/w]****	0.00		
User's Guidelines	English		
Packaging	PP	500	reel
[grams]			
Recommended shelf-life	weeks		
Storage temperature [°C]	20	104	
	25	104	

\*\* Certain conditions apply.

\*\*\* See [www.cobar.com/TQM/ISO14001](http://www.cobar.com/TQM/ISO14001) for further details.

\*\*\*\* Having a vapor pressure of >0.1 mm Hg at 20 °C

**Industrial chemical product. Read MSDS before use.**