

Product Information

FELDER- ISO-Core® „RA“ - lead containing

Flux-cored, halide activated, lead containing soft solder wire,
flux according to DIN EN 29454-1, 1.1.2.B respectively DIN EN 61190-1-1, ROM1

Art.-No: 18.....

All information about our products are the result of our long standing experience which we would like to pass on to our customers as application support. However, as we do not have any influence on the application of the works carried out with our products, please see the warranty claims in our conditions of sale because our liability is limited.

This product information does not constitute warranted properties.

Description

Standard solder wire for hand soldering in the electrical engineering, electro mechanics and partly also in the electronics. The flux distinguishes itself through its high temperature resistance and does not spatter during the reflow soldering. The optimal wetting plus outstanding spreading characteristics turn this solder wire into an advanced product among the cored solders.

Properties

Alloy acc. DIN EN 9453	Melting point ° C	Density g/cm ³	Electric conductivity m / Ω mm ²	Article- No.
Pb78Sn20Sb2	185 - 270	10,2	5,2	1820....
Pb70Sn30	183 – 255	9,7	5,7	1832....
Pb65Sn35	183 - 245	9,5	5,9	1837....
Pb60Sn40	183 – 238	9,3	6,2	1840....
Pb58Sn40Sb2	185 – 231	9,2	6,1	1842....
Pb50Sn50	183 – 215	8,9	6,7	1850....
Sn60Pb40	183 – 190	8,5	6,8	1860....
Sn60Pb39Cu1	183 – 190	8,5	6,6	1864....
Sn63Pb37E	183 (eutectic)	8,4	7,1	1875....
Sn62Pb36Ag2	179 (eutectic)	8,4	7,1	1872....
Further alloys on customer´s request				

Flux content	:	2,5 % standard
Flux spacing	:	single cored (standard), 3 – and 5 – cores
Halide content	:	1,0 %
Ø in mm	:	0,25, 0,35, 0,50, 0,75, 1,00, 1,50, 2,00, 3,00, 4,00, 5,00, 6,00
Spool size in kg	:	0,10, 0,25, 0,50, 1,00, 2,50, 5,00

FELDER- ISO-Core[®] „RA“ - lead containing

Cleaning

The bright, solid flux residues provoke no corrosion even with nonferrous metals. Therefore, they can remain on the soldering joint. On usage in the electronic production we recommend the removal of the flux residues with all current PCB'S cleaners on alkaline basis.

Advices

We will be pleased to produce all solder wires according to your factory standards.

Storage

Keep dry and dust-free at room temperature. Minimum durability: 60 months.

Handling Advice

We refer to the MSDS!