

Update: 20/12/2018	TECHNICAL DATA SHEET	
Ref: Wire	Solder Wire	
Created on: 03/05/2001	Sn62Pb36Ag2 CR	



GENERAL CHARACTERISTICS:

Low temperature (LMP) solder wire with incorporated flux for soldering equipment in electronics, telecommunications, rework or SMT. Being nearly Eutectic this alloy offers good flow characteristics and the alloy combination gives bright, high integrity joints. Conform to standard ISO 9453 : alloy n° 171 and J-STD 006.

CHEMICAL CHARACTERISTICS:

Amount of Tin : 62 % ± 0.5%
Amount of Lead : Rest
Amount of Silver : 2% ± 0.2%
Tin-lead-silver double refined at first melting, with an overall purity of 99.6%
Type of cored flux : CR
Amount of cored flux : available in 2.2% (standard). Other: consult us.

PHYSICAL AND CHEMICAL CHARACTERISTICS:

ALLOY : Sn62Pb36Ag2

Melting point : Solid 178°C to liquid 180°C
Specific weight : 8.4 g/cm³
Wire diameter : from 0.3mm to 5 mm

FLUX : CR

Natural rosin.
Chloride content : 1.1 %
Acid value: 220 mgKOH/g
(ECl >0,7 %)
Fast soldering.
CR flux is classified 1.1.2 according to standard ISO EN 9454, ROM1 according to J-STD 004
CR flux is an activated rosin flux.
Cleaning is recommended after soldering.

USING CHARACTERISTICS:

Working temperature : 320°C to 370°C (typical)

PACKAGING / STORAGE:

Solder wire : Various types of reels available adapted to Customer's needs.
Depending on diameter and length.
Other product shape : On request
Storage : In original packaging at room temperature for 12 months.

SAFETY:

Material Safety Data Sheet available on request. Please consult it before use.

ADDITIONAL INFORMATION:

Quality Certificate available on request.

Our manufacturing processes have been subjected to FMECA analysis (equivalent of AMDEC in France).



We cannot anticipate any and all conditions and situations under which the information and our products or the combination of both with others will be used. We do not assume any liability in the safety and suitability of our products alone or in combination with others. Users must make their own tests to determine the safety and suitability of each product used alone or with other products for their own use. Except any previous written agreement, our products are sold without guarantee and customers must assume all liability for any loss or damage suffered by themselves or by third parties, either from handling or use of our products alone or with others. In case of any difference or variation seen during the use of the products we request that you contact our technical department.