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| Updated: 16/02/2010 N°01 | SPECIFICATION <u>Fluidel 5 Wire</u> Sn 59,4 Pb Sb 0,6 |  |
| Ref. : wire | | |
| Created : 12/01 | | |

1 - GENERAL CHARACTERISTICS :

Tin based solder wire with activated incorporated flux or not (see specific data sheet) dedicated to material connetions in electronics, telecommunication, spacial,...

Compound alloy : Tin / Lead / Antimony

ADDITIONAL INFORMATION:

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

2 - CHEMICAL CHARACTERISTICS :

- 2.1 Amount of Tin : Sn 59.4 ± 1 %
- 2.2 Amount of Lead : Pb 40 ± 1 %
- 2.3. Amount of Antimony : Sb 0.6 ± 0.05 %
- 2.4 Tin / Lead / Antimony refined at first melting
- 2.5 Chart of maximum impurities :

| Cu | Ag | Cd | Bi | Fe | Zn | Al | As | Others |
|------|-------|-------|------|------|-------|-------|------|--------|
| 0.05 | 0.005 | 0.002 | 0.01 | 0.02 | 0.001 | 0.001 | 0.01 | 0.05 |

2.6 Available types of incorporated flux : CT2 – CR – RD – HC2 (or without incorporated flux)

2.7 Amount of flux incorporated:

| Flux Grade | ----- Mass of flux ----- | | |
|------------|--------------------------|---------|---------|
| | Minimum | Nominal | Maximum |
| 2 | 1.6 % | 2.2 % | 2.6 % |

Other : contact us.

3- PHYSICAL CHARACTERISTICS :

- 3.1 Melting point : 183°C - 190°C
- 3.2 Specific weight : 8.5
- 3.3 Wire diameter : From 0.5 mm to 5 mm
- 3.4 Working temperature : 370 – 420 °C

4- PACKAGING :

- 4.1 Supplied on spools : 250g - 500g – 1kg – 3kg and more
Other : contact us.
- 4.2 Identification : Boxes and spools carry product information labels.
- 4.3 Quality assurance : A certificate of conformity can be issued for each manufactured batch if requested at the time of ordering.
- 4.4 Storage :In original packaging at room temperature for 12 months Keep away from inclemency.