



FLUIDEL 5 SOLDER WIRE

ALLOY Sn ** Pb** - "RL3"

SOLDER WIRE - A high quality binary alloy for mechanical or electrical applications for soldering difficult-to-solder surfaces of tin and lead. Benefits include increased joint strength and reliable soldered joints. The choice of incorporated flux will depend upon the application.

Chemical Characteristics

Tin-lead binary alloy.

Amount of Tin : Sn ** +/- 0.6%

Amount of Lead : Pb ** +/- 0.4%

Tin of first smelting purity of 99.90%

Chart of typical maximum impurities:

Sb	Cu	Ag	Cd	Bi
0.05%	0.01%	0.005%	0.002%	0.01%

Fe	Zn	Al	As	Others
0.02%	0.001%	0.001%	0.01%	0.05%

Physical Characteristics, standard:

*ALLOY	
Melting point	Alloy dependant
Specific weight	8.5 g/cm ³
Wire dimensions	Diameters From 0.3 mm to 5 mm
Working temperature	265°C - 320°C

*FLUX

- Rosin
- Amine 0.5 %
- Acidity index : 165
- Good soldering on Copper
- Excellent on Tin/Lead
- Low splattering
- Excellent wetting speed

Incorporated flux: Rosin Base: RL:
NF 90550, J-Std-004 Class ROM1
DIN 8511 – FSW 26, EN ISO 9454 – 1.1.2

Other Characteristics

- 250g, 500g, 1kg, 3kg and 20kg reels (Others: consult MBO)
- Quality assurance: A certificate of conformity can be issued with each batch if requested at the time of ordering.
- Identification: Boxes and reels carry information labels and lot batch numbers.