



## 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 \*\*

Amount of Lead : Pb \*\*

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
Wire dimensions	Diameters From 0.5 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

### Other Characteristics

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