



## FLUIDEL 5 SOLDER WIRE

# ALLOY Sn\*\* Pb\*\* - "RD"

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

*ALLOY	
Melting point	Alloy dependant
Specific weight	~8.5 g/cm <sup>3</sup>
Wire dimensions	Diameters from 0.3mm to 6mm

### \*FLUX

- Rosin
- Amine 1.3 %
- Acidity index : 175
- Excellent soldering on Copper
- Excellent on Tin/Lead
- Low splattering
- Excellent wetting speed

### Application Notes

Working temperature : 265°C - 320°C

### Packaging

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