Fluidel 5 Solder Wire

Sn60 Pb38 Cu2 "RL"

SN60 Pb38 Cu2 – "RL" - A high quality tertiary alloy for mechanical or electrical applications for soldering difficult-to-solder surfaces of tin, copper and lead. Benefits include increased joint strength and reliable soldered joints. The choice of incorporated flux will depend upon the application

Chemical Characteristics

2.1 Tin-lead tertiary alloy:

Amount of Tin:	Sn60
Amount of Lead:	Pb38
Amount of Copper:	Cu2

2.2 Tin of first smelting purity of 99.90%

2.3 Chart of typical maximum impurities:

Sb	Ag	Cd	Bi
0.05%	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	183 - 190C
Specific weight	~8.5 g/cm^3
Wire diameter	From 0.5 mm to 5 mm

***FLUX: RL3**
Rosin : Activated
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

Application Notes

Working temperature: 265°C - 320°C

Other Characteristics

Packaging: 500g and 1kg 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.

MBO UK – Mill End – Standon – Ware – Herts – SG11 1LR
Email : info@mbouk.co.uk
Website : www.mbouk.co.uk
Tel : +44(0)1920 823 999
Fax : +44(0)1920 823 631