SOLDER WIRE "FLUIDEL 5"

ALLOY Sn** Pb**

SOLDER WIRE - This binary soldering alloy is produced from 'first smelting' of tin and lead and conforms to standards: NF 90550, DIN 1707L, B.S.219 and BS EN Alloys.

Chemical Characteristics

Amount of Tin:	** % ± 0.6%
Amount of Lead:	Remainder
Tin and lead from first melting purity:	99.96%.

Chart of maximum impurities, example:

Cu	Ag	Cd	Sb	Bi
0.01%	0.005%	0.001%	0.02%	0.01%

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

Incorporated flux: Refer to Flux Table:

Amount of flux incorporated: BS441 Grades 1, 2 or 3. Grade 1 is standard unless stated on spool label.

BS441 Flux Grade	---------- Mass of flux ---------		
	Minimum	Nominal	Maximum
1	1.0 %	1.3 %	1.5 %
2	1.7 %	2.0 %	2.6 %
3	2.7 %	3.0 %	3.4 %

Physical Characteristics, standard:

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Melting point	Solidus @183°C to Liquidus @ Alloy dependent
Specific weight	Alloy dependent
Wire dimensions	Diameters from 0.3 mm to 5 mm
Working temperature	370 to 420 °C

***FLUX: As required**

- Refer to Flux Table

Packaging

- Supplied on spools: 250g, 500g, 1kg and 3kg.
- Packed in cartons of 20 x 250 g, 20 x 500g, 16 x 1kg and 6 x 3kg.
- Boxes and spools carry product information labels.
- Quality assurance: Certificates of Conformity can be issued for each shipment batch if requested at the time of ordering.
- Shelf life 12 months at 20°C.

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