



Plumbers Solder

ALLOY Sn30Pb70
Incorporated flux: N/A

PLUMBERS SOLDER ALLOY Sn30Pb70 - This quad soldering alloy is produced from high purity tin, antimony, bismuth and lead raw materials and conforms to standards: B.S.219 Alloys.

Chemical Characteristics

Amount of Tin:	26.5 ± 0.5%
Amount of Antimony	1.5 ± 0.25%
Amount of Bismuth	2.5 ± 0.25%
Amount of Lead:	Remainder

Chart of maximum impurities, example:

Cu	Ag	Cd	Fe	Zn
0.01%	0.005%	0.001%	0.02%	0.001%

Al	As	Others
0.001%	0.01%	0.05%

Incorporated flux: N/A

Amount of flux incorporated: BS441 Grades 1, 2 or 3. N/A

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:

*ALLOY Sn30Pb70	
Melting point	Solidus @185°C to Liquidus @ 248°C
Specific weight	9.6
Wire dimensions	Diameters from 0.3 mm to 5 mm. Nominal 3.2mm
Working temperature	240 to 330 °C

***FLUX: N/A**

Tinmans and Blowpipe products available

Packaging

- Wire supplied on spools of: 500g and packed 20 off per box.
- Bar and Stick in cartons of : 20kg and 25kg (Tar weight noted on box.)
- 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.