



DKL Metals Ltd are the UK's leading independent manufacturer of tin and lead based alloys which include the following solder specifications. These are manufactured in accordance with our **Quality Management System** which has been assessed and approved by L.R.Q.A. against BS EN ISO 9002:1994 Quality Assurance Standard.

BSEN29453 <i>Alloy No.</i>	Composition	MP °c	Supersedes BS219	Application
1a	Sn/Pb	183	Exceeds AP	SM Electronics
2a	Sn/Pb	183-190	Exceeds KP	SM Electronics
3a	Sn/Pb	183-215	-	Electronics
1	Sn/Pb	183	AP	Electronics
2	Sn/Pb	183-190	KP	Electronics
3	Sn/Pb	183-215	-	Tinning
4	Sn/Pb	183-226	R	Electrical/Industrial
5	Sn/Pb	183-235	G	Tinning
6	Sn/Pb	183-245	H	Plumbing/Joining
7	Sn/Pb	183-255	J	Plumbing/Automotive
8	Sn/Pb	268-302	-	High Temperature
9	Sn/Pb	280-305	-	High Temperature
10	Sn/Pb	320-325	-	High Temperature
11	Sn/Pb/Sb	183	A	Electrical
12	Sn/Pb/Sb	183-190	K	Electrical/Tinning
13	Sn/Pb/Sb	183-216	F	Tinning
14	Sn/Pb/Sb	185-231	C	Tinning
15	Sn/Pb/Sb	185-250	D & L	Plumbing/Joining
16	Sn/Pb/Sb	185-263	-	Industrial
17	Sn/Pb/Sb	185-270	N	Automotive
18	Sn/Sb	230-240	95A	Electrical/Industrial
19	Sn/Pb/Bi	180-185	-	Special Applications
20	Sn/Pb/Bi	178-205	-	Special Applications
21	Sn/Bi	138	-	Pb/Cd Free Low Temperature
22	Sn/Pb/Cd	145	T	Low Temperature
23	Sn/Cu	230-240	99C	Pb Free Plumbing
24	Sn/Cu	230-250	-	Pb Free
25	Sn/Pb/Cu	183-190	-	Special Electronic/Electrical
26	Sn/Pb/Cu	183-215	-	Electrical/Industrial
27	Sn/In	117-125	-	Glass to Metal
28	Sn/Ag	221	96S	High Temperature/Pb Free Electronics
29	Sn/Ag	221-230	97S	Lead Free
30	Sn/Pb/Ag	178-190	62S	Special SM Electronics
31	Sn/Pb/Ag	178-180	-	Special SM Electronics
32	Pb/Ag	304-305	-	Special High Temperature
33	Pb/Ag	304-365	-	Special High Temperature
34	Sn/Pb/Ag	296-301	5S	High Temperature Electrical

In addition an extensive range of proprietary alloys are manufactured within the scope of our **Q.M.S.**

All alloys can be supplied in some or all of the following forms: - **Ingot, Bar, Sticks, Chunks, Blowpipe Strips, Solid and Flux Cored Wires.**

Our technical department will be pleased to discuss the availability of your specific requirements

Whilst every endeavour has been made to ensure that the information given on this data sheet is correct, DKL Metals Ltd gives no warranty, express or implied, relating to the use or performance of the product.