

Solder Alloys	Ag	Al	As	Au	Bi	Cd	Cu	Fe	Hg	In	Ni	P	Pb	S	Sb	Se	Zn
74X CA2 - % wt	3.50	0.0002	0.0100	0.0014	0.0329	0.0010	0.782	0.0021	0.0007	0.0062	0.0308	0.0055	0.0331 (0.0048)	0.0737	0.0015	0.0003	
74X CA4 - % wt	2.95	0.0002	0.0171	0.0021	0.0641	(0.0001)	0.473	0.007	0.0015	0.0040	0.085	(0.0013)	0.0621 (0.0058)	0.041	0.0065	0.0008	
74X CA5 - % wt	4.01	(0.0003)	0.0353	0.0049	0.0207	0.0025	1.098	0.0019	0.0006	0.0111	0.0147	0.0108	0.0116	0.0008	0.133	0.003	0.0009
74X CA6 - % wt	0.282	0.0008	0.0088	0.0106	0.0087	0.00033	0.629	0.0061	0.0064	0.0218	0.0194	0.0048	0.0174 (0.0008)	0.0078	0.0007	0.0008	
74X CA7 - % wt	4.21	...	0.0095	...	0.0081	0.0045	0.333	0.0047	0.053	0.0026	0.0007	0.003	0.0965	...	0.0103	...	...
74X CA8 - %wt	2.44	...	0.0100	...	0.0032	0.0103	0.947	0.0037	0.101	0.0041	0.0007	0.0077	0.0403	...	0.0045	...	...

Copper Alloys	Ag	Al	As	Au	B	Be	Bi	Cd	Co	Cr	Fe	Mg	Mn	Ni	Pb	Sb	Se	Si	Sn	Te	Zn
39 X 17866 - ppm	61	<10	400	...	...	(1)	63	327	229	15	101	2	1.6	548	240	58	30	(7)	2100	53	340
39 X 17868 - ppm	250	1390	294	220	30	13	430	330	480	2000	470	470	580	330	380	330	40	1000	350	320	390
39 X 17869 - ppm	440	6	137	90	...	...	440	85	133	2.3	230	4	13	144	478	389	63	(7)	150	323	110
39 X 17871 - ppm	270	(2)	290	45	(2)	4	700	32	8	2	20	(2)	10	275	90	180	280	(3)	(20)	110	8
SUS - RC11 - ppm	...	4	1	...	...	...	1	1	3	...	5	...	1	5	2	1	1	1	4	1	2
SUS - RC12 - % wt	...	0.3	0.15	...	...	0	0.015	0.03	0.1	...	0.2	...	0.2	0.5	0.08	0.04	0.02	0.2	0.5	0.02	0.6

Aluminum Alloys	As	Cd	Cr	Cu	Fe	Hg	Mg	Mn	Ni	Pb	Si	Ti	V	Zn	Zr
350/02 - % wt	<0.00003	<0.00002	0.0009	0.149	0.461	<0.00005	1.08	1.16	0.003	0.00066	0.255	0.0246	0.0114	0.0522	0.005
351/02 - % wt	0.00135	0.0013	(0.001)	(0.15)	(0.46)	0.00094	(1.08)	(1.16)	(0.003)	0.0025	(0.26)	(0.025)	(0.011)	(0.052)	(0.005)
352/02 - % wt	0.00142	0.0021	(0.0007)	(0.15)	(0.48)	0.0022	(1.06)	(1.13)	(0.003)	0.0039	(0.26)	(0.019)	(0.01)	(0.049)	(0.005)
353/02 - % wt	0.0081	0.005	(0.001)	(0.15)	(0.46)	0.0059	(1.08)	(1.16)	(0.003)	0.0053	(0.26)	(0.025)	(0.011)	(0.052)	(0.005)
354/02 - % wt	0.0121	0.01	(0.001)	(0.15)	(0.46)	0.0099	(1.08)	(1.16)	(0.003)	0.0101	(0.26)	(0.025)	(0.011)	(0.052)	(0.005)

Iron Alloys	Al	As	B	C	Co	Cr	Cu	Mn	Mo	N	Nb	Ni	O	P	Pb	S	Si	Sn	Ti	V	Zr
182A - % wt	0.020	0.008	0.0003	0.20	0.011	0.56	0.23	0.90	0.18	0.0067	0.003	0.50	0.0014	0.028	0.14	0.023	0.25	0.012	0.005	0.005	<0.003
183B - % wt	[0.003]	[0.002]	[0.002]	[0.073]	[0.005]	[0.046]	[0.021]	[1.08]	[0.008]	[0.003]	[0.001]	[0.024]	[0.014]	[0.060]	[0.28]	[0.33]	[0.004]	[0.002]	[0.001]	[0.003]	[0.002]

PVC Materials	Br	Hg	Cr	Pb	Cd
PVC-H-03A - ppm	1101	1101	1001	1201	300
PVC-L-04A - ppm	500	200	400	400	100
PVC-01A - ppm	0	0	0	0	0

PE Materials	Br	Hg	Cr	Pb	Cd
PE-H-04A - ppm	1100	1100	1001	1200	300
PE-L-04A - ppm	502	201	400	400	100
PE-02A - ppm	0	0	0	0	0

SAC305 & SAC405 Check Set							
	Sn	Pb	Cu	Bi	Ag	Hg	P
SAC305 - % wt	Bal.	0.076	0.49	0.004	3.00	0.0016	0.004
SAC405 - % wt	Bal.	<0.001	0.46	—	4.01	0.0002	0.006

XRF Glasses*	Br	Hg	Cr	Pb	Cd
BR-ROHS 1/3 - ppm	0	0	0	0	0
BR-ROHS 2/3 - ppm	1000	0	1000	1000	100
BR ROHS 3/3 - ppm	5000	0	5000	5000	1000

\*Matrix: SiO<sub>2</sub>=53%, Na<sub>2</sub>O=17%, CaO=10%, Al<sub>2</sub>O<sub>3</sub>=7%, MgO=6%, B<sub>2</sub>O<sub>3</sub>=4%, Sb<sub>2</sub>O<sub>3</sub>=1%