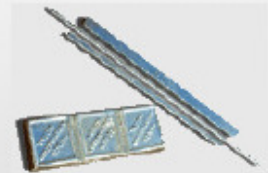


Technical

Commonly specified solder alloys are listed in the table below

GRADES	Sn	Sb	Cu	Pb	Ag	MAXIMUM IMPURITIES	MELTING RANGE(Celsius)
SnAgCu	96.5%	-----	0.5%	-----	3%	-----	217 - 219
SABS S1	65%	1.0% MAX	-----	Remainder	-----	0.25%	183 – 185
SABS S2	50%	2.5 – 3.0%	-----	Remainder	-----	0.25%	185 – 204
SABS S3	40%	2.0 – 2.4%	-----	Remainder	-----	0.25%	185 – 227
SABS S4	40%	0.3% MAX	-----	Remainder	-----	0.25%	183 – 234
SABS S5	30%	1.0 – 1.7%	-----	Remainder	-----	0.25%	185 – 248
SABS S6	50%	0.5% MAX	-----	Remainder	-----	0.25%	183 – 212
SABS S7	35%	0.3% MAX	-----	Remainder	-----	0.25%	183 – 245
SABS S8	60%	0.5% MAX	-----	Remainder	-----	0.25%	183 – 188
SABS S9	30%	0.3% MAX	-----	Remainder	-----	0.25%	183 – 255
SABS S10	26%	1.0 – 1.7%	-----	Remainder	-----	0.25%	183 – 258
SABS S11	26%	0.3% MAX	-----	Remainder	-----	0.25%	183 – 265
SABS 97/3	97%	-----	2.5 – 3.0%	-----	-----	0.25%	230 – 250
SABS 63T	63%	0.1% MAX	0.05% MAX	Remainder	-----	-----	183
SABS 60T/S	60%	0.15% MAX	0.1% MAX	Remainder	-----	-----	183 – 189
SABS 50T	50%	0.15% MAX	0.1% MAX	Remainder	-----	-----	183 – 214
SABS 40T/S	40%	0.15% MAX	0.1% MAX	Remainder	-----	-----	183 – 234
SABS 30S	30%	0.3% MAX	0.1% MAX	Remainder	-----	-----	183 – 255
HT3	95%	5%	-----	-----	-----	-----	236 – 243
50 COM	33%	0.5 – 1.5%	-----	Remainder	-----	-----	183 – 258
40 COM	27%	0.5 – 1.5%	-----	Remainder	-----	-----	183 – 255
30 COM	20%	0.5 – 1.5%	-----	Remainder	-----	-----	183 – 276

ABBREVIATIONS: Sn=TIN, Sb=ANTIMONY, Cu=COPPER, Pb=LEAD, Ag=SILVER, MAX=MAXIMUM



Most of the above alloys are available in resin or acid cored wire, solid wire, stick, bar or ingot form and are in stock. Solders can be made to any specification requested by the customer.