

Technical

Commonly specified solder alloys are listed in the table below

GRADES	Sn	Sb	Cu	Pb	Ag	MAXIMUM IMPURITIES	MELTING RANGE(Celsius)
SnAgCu	96.50%		0.50%		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 - 285
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 ing stock.Solders can be made to any specification requested by customer