

Element	3004A	GS6	GS7	3105
Si	0.22	0.26	0.30	0.60
Fe	0.50	0.60	0.70	0.70
Cu	0.26	0.30	0.35	0.30
Mn	0.5 - 1.40	.3 - 1.6	.1 - 2.0	.3 - 2.0
Mg	0.7 - 1.6	.4 - 2.0	.1 - 2.4	.2 - 2.4
Pb	0.010	0.013	0.015	0.015
Cd	0.010	0.013	0.015	0.015
Zn	0.15	0.18	0.20	0.35*
Ti	0.02	0.03	0.04	0.05
Na	0.020	0.025	0.030	0.030
Ca	0.020	0.025	0.030	0.030
Cr	0.03	0.05	0.07	0.20*
B	0.0010	0.0010	0.0010	0.0010
Be	0.0001	0.0001	0.0001	0.0001
Li	0.0005	0.0005	0.0005	0.0005
Others Each	0.03	0.04	0.05	0.05
Others Total	0.10	0.12	0.15	0.15

Element	5182A	5182B	5182C
Si	0.14	0.17	0.20
Fe	0.28	0.30	0.33
Cu	0.07	0.10	0.12
Mn	0.43	0.45	0.47
Mg	5.0 - 12.0	4.5 - 12.0	3.0 - 12.0
Pb	0.010	0.011	0.012
Cd	0.010	0.013	0.015
Zn	0.07	0.10	0.15
Ti	0.05	0.06	0.07
Na	0.020	0.025	0.030
Ca	0.020	0.025	0.030
Cr	0.04	0.05	0.06
B	0.0010	0.0010	0.0010
Be	0.0001	0.0001	0.0001
Li	0.0005	0.0005	0.0005
Others Each	0.03	0.04	0.05
Others Total	0.10	0.12	0.15

The above are maximums expressed in percent of total
 Others each includes: Bi, Ni, Sn, Zr, V
 Others total includes: Ti, Na, Ca, Cd, Pb, Be, Ni, Cr, Sn, V, Zr, B.

Must be low profile sow or standard T-Bar
 All pieces must be marked with heat number

***Preferred Cr<.15, Zn<.30**

HEAT VARIATION GUIDELINE
 Maximum heat variation for all ARCO Specs must be no greater than 150% of the average per element. Heat variation greater than 150% of the average per element will not be accepted without prior approval from ARCO.

Italicized numbers are absolute maximums by heat.

LOADING OF MATERIAL
 Please load heats on truck/railcar in the same order as listed on the COA sheet.

For additional shipping requirements see the "RSI/Prime/Meltable Shipping and Receiving" page at www.LoganRawMaterials.com