



ALLIANCE MEMORY MDS REPORT

Part Number:		AS4C16M16SB-6TIN / AS4C16M16SB-7TCN					
Part Weight:		562.368mg					
Material Name	Component wt (mg)	Material Content (Element)	CAS Number	Element wt (%)	Element wt (mg)	wt % of Total unit wt	PPM
A42	142.887	Carbon	7440-44-0	0.05%	0.071	0.01%	500
		Silicon	7440-21-3	0.30%	0.429	0.08%	3000
		Manganese	7439-96-5	0.80%	1.143	0.20%	8000
		Nickel	7440-02-0	41.70%	59.584	10.60%	417000
		Chromium	7440-47-3	0.10%	0.143	0.03%	1000
		Cobalt	7440-48-4	0.50%	0.714	0.13%	5000
		Aluminium	7429-90-5	0.10%	0.143	0.03%	1000
		Iron	7439-89-6	54.45%	77.802	13.83%	544500
		Silver	7440-22-4	2.00%	2.858	0.51%	20000
CEL-9200HF	412.917	Epoxy resin	Trade Secret	4.00%	16.517	2.94%	40000
		Hardener	Trade secret	4.00%	16.517	2.94%	40000
		Carbon Black	1333-86-4	0.20%	0.826	0.15%	2000
		Amorphous silica	60676-86-0	88.50%	365.431	64.98%	885000
		Crystalline silica	14808-60-7	3.30%	13.626	2.42%	33000
EN-4900GC	0.219	Acrylic resin	Trade secret	9.50%	0.021	0.00%	95000
		Polybutadiene derivative	Trade secret	5.00%	0.011	0.00%	50000
		Butadiene copolymer	Trade secret	1.50%	0.003	0.00%	15000
		Epoxy resin	Trade secret	2.00%	0.004	0.00%	20000
		Acrylate	Trade secret	5.00%	0.011	0.00%	50000
		Peroxide	Trade secret	0.50%	0.001	0.00%	5000
		Additive	Trade secret	1.30%	0.003	0.00%	13000
		Silver	7440-22-4	75.20%	0.165	0.03%	752000
Sn	1.735	Tin	7440-31-5	99.99%	1.734	0.31%	999900
		Impurity	Trade secret	0.01%	0.000	0.00%	100
Au	0.963	Gold	7440-57-5	99.99%	0.963	0.17%	999900
		Others	Trade Secret	0.01%	0.000	0.00%	100
Chip	3.647	Silicon	7440-21-3	100.00%	3.647	0.65%	1000000
				600.00%	562.368	100.00%	600000