

Component	Weight (mg)	Type	Material	CAS#	%	Weight (mg)
Chip	15.678		Silicon	7440-21-3	100.00	15.678
Lead Frame	70.659	C7025	Copper	7440-50-8	96.2	66.964
			Fe	7439-89-6	0	0.000
			Ni	7440-02-0	3	2.088
			Sn	7440-31-5	0	0.000
			P	7723-14-0	0	0.000
			Zn	7440-66-6	0	0.000
			Co	7440-48-4	0	0.000
			Si	7440-21-3	0.65	0.452
			Zr	-	0	0.000
			Al	7429-90-5	0	0.000
			Mn	7439-96-5	0	0.000
			Cr	7440-47-3	0	0.000
			Mg	7439-95-4	0.15	0.104
			C	7440-44-0	0	0.000
			S	7704-34-9	0	0.000
			Ag	Silver	7440-22-4	100.00
		Mold Compound	86.394	SUMIKON EMEG700LX	Silica Fused	60676-86-0
Epoxy Resin	Trade Secret				10.00	8.639
Phenol Resin	Trade Secret				8.00	6.912
Phenol Novolac	9003-35-4				0.00	0.000
Antimony Trioxide	1309-64-4				0.00	0.000
Brominated Epoxy Resin	68541-56-0				0.00	0.000
Carbon Black	1333-86-4				0.50	0.432
Epoxy, Cresol Novolac	29690-82-2				0.00	0.000
Others	-				0.00	0.000
Bonding Wire	0.943	Wire Dia : 1 mils	Gold	7440-57-5	99.99	0.943
			Dopant	-	0.01	0.000
Epoxy	1.661	CRM 1076NS	Silver (Ag)	7440-22-4	78.50	1.304
			Epoxy Resin	9003-36-5	11.00	0.183
			t-Butyl phenyl glycidyl ether	3101-60-8	0.00	0.000
			Butyl Cellosolve acetate	112-07-2	0.00	0.000
			Diluent	26647-14-3	6.00	0.100
			Dicydiamide	461-58-5	1.00	0.017
			Hardener	620-92-8	3.50	0.058
			HardenerA	Trade Secret	0.00	0.000
			HardenerB	Trade Secret	0.00	0.000
			Aromatic Amine	Proprietary	0.00	0.000
			Elastmer	Trade Secret	0.00	0.000
			1,1,1-Tris(p-hydroxyphenyl) ethane	27955-94-8	0.00	0.000
			Acrylic Resin	Trade Secret	0.00	0.000
			Polybutadiene derivative	Trade Secret	0.00	0.000
			Butadiene Copolymer	Trade Secret	0.00	0.000
			Acrylate	Trade Secret	0.00	0.000
			Peroxide	Trade Secret	0.00	0.000
Additive	Trade Secret	0.00	0.000			
Gamma - Butyrolactone	96-48-0	0.00	0.000			
Phenolic Resin	Proprietary	0.00	0.000			
Plating	2.900	LEAD FREE SN100	Sn	7440-31-5	99.97	2.899
			Pb	7439-92-1	0.01	0.000
			Cu	7440-50-8	0.01	0.000
			As	7440-38-2	0.00	0.000
			Cd	7440-43-9	0.00	0.000
			Fe	7439-89-6	0.00	0.000
			Bi	7440-69-9	0.00	0.000
			Ag	7440-22-4	0.00	0.000
			Sb	7440-36-0	0.00	0.000
			Al	7429-90-5	0.00	0.000
			Zn	7440-66-6	0.00	0.000
			Ni	7440-02-0	0.00	0.000
			In	7440-74-6	0.00	0.000
Au	7440-57-5	0.00	0.000			
Total Weight	178.234					178.234