

Component	Weight (mg)	Type	Material	CAS#	%	Weight (mg)
Chip	15.957		Silicon	7440-21-3	100.00	15.957
Lead Frame	79.408	C7025	Copper	7440-50-8	96.2	74.834
			Fe	7439-89-6	0	0.000
			Ni	7440-02-0	3	2.334
			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	0.506
			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	0.117
			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	0.752	Wire Dia: 1 mils	Gold	7440-57-5	99.99	0.752
			Dopant	-	0.01	0.000
Epoxy	1.686	CRM 1076DF	Silver (Ag)	7440-22-4	74.50	1.256
			Epoxy Resin	9003-36-5	11.50	0.194
			Epoxy resin B	5026-74-4	0.00	0.000
			t-Butyl phenyl glycidyl ether	3101-60-8	7.50	0.126
			Butyl Cellosolve acetate	112-07-2	1.50	0.025
			Diluent	26647-14-3	0.00	0.000
			Dicydiamide	461-58-5	0.00	0.000
			Hardener	620-92-8	1.50	0.025
			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	3.50	0.059
			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	187.097					187.097