

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	N/A	Silicon Carbide (SiC)	409-21-2	0.01177	100.0	0.28
Subtotal				0.01177	100	0.28
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.00076	2.0	0.018
	Lead alloy	Silver (Ag)	7440-22-4	0.00095	2.5	0.0225
	Lead alloy	Lead (Pb)	7439-92-1	0.03612	95.5	0.8595
Subtotal				0.03783	100	0.9
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.0102	0.03	0.2427
	Copper alloy	Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.0102	0.03	0.2427
	Copper alloy	Iron (Fe)	7439-89-6	0.03399	0.1	0.809
	Copper alloy	Copper (Cu)	7440-50-8	33.93893	99.84	807.7056
Subtotal				33.99332	100	809
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	5.21035	8.0	124
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	6.51293	10.0	155
	Filler	Silica fused	60676-86-0	52.10348	80.0	1,240
	Flame retardant	Metal hydroxide		1.30259	2.0	31
Subtotal				65.12935	100	NaN
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.6723	100.0	16
	Subtotal			0.6723	100	16
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.03124	100.0	0.74353
	Pure metal	Aluminium (Al)	7429-90-5	0.12421	100.0	2.956
Subtotal				0.15545	200	3.69953
Total				100.00002	100	NaN

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