

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.17407	100.0	10.4
			Subtotal	0.17407	100	10.4
Solder Wire	Lead alloy	Tin (Sn)	7440-31-5	0.00069	5.0	0.0415
	Lead alloy	Silver (Ag)	7440-22-4	0.00035	2.5	0.02075
	Lead alloy	Lead (Pb)	7439-92-1	0.01285	92.5	0.76775
			Subtotal	0.01389	100	0.83
Die	Metal oxide	Lead Dioxide (PbO2)	1309-60-0	0.0008	0.85	0.04794
	Doped Silicon	Silicon (Si)	7440-21-3	0.0936	99.15	5.59206
			Subtotal	0.0944	100	5.64
Post-plating	Lead alloy	Tin (Sn)	7440-31-5	0.45526	100.0	27.2
			Subtotal	0.45526	100	27.2
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02009	0.03	1.20057
	Copper alloy	Iron (Fe)	7439-89-6	0.06698	0.1	4.0019
	Copper alloy	Copper (Cu)	7440-50-8	66.89515	99.87	3996.69753
			Subtotal	66.98222	100	4001.9
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.09821	6.5	125.359
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	5.16482	16.0	308.576
	Filler	Silica fused	60676-86-0	22.9189	71.0	1369.306
	Flame retardant	Metal hydroxide		2.09821	6.5	125.359
			Subtotal	32.28014	100	1928.6
			Total	99.99998	100	5974.57

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