

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.0197	0.03	1.4568
	Copper alloy	Iron (Fe)	7439-89-6	0.06567	0.1	4.856
	Copper alloy	Copper (Cu)	7440-50-8	65.57966	99.87	4,849.6872
		Subtotal		65.66503	100	NaN
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	1.31438	4.0	97.2
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	4.92893	15.0	364.5
	Filler	Silica fused	60676-86-0	24.31607	74.0	1,798.2
	Flame retardant	Metal hydroxide		2.30017	7.0	170.1
		Subtotal		32.85955	100	NaN
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.40567	100.0	30
		Subtotal		0.40567	100	30
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.00169	100.0	0.1251
		Subtotal		0.00169	100	0.1251
Die		Silicon (Si)	7440-21-3	0.51115	100.0	37.8
		Subtotal		0.51115	100	37.8
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.19083	100.0	14.11192
		Subtotal		0.19083	100	14.11192
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.23795	65.0	17.5968
	Lead alloy	Silver (Ag)	7440-22-4	0.09152	25.0	6.768
	Lead alloy	Antimony (Sb)	7440-36-0	0.03661	10.0	2.7072
		Subtotal		0.36608	100	27.072
		Total		100	100	NaN

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