

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped silicon	Silicon (Si)	7440-21-3	0.34	100.0	6.8
			Subtotal	0.34	100	6.8
Solder Wire	Tin alloy	Tin (Sn)	7440-31-5	0.03	10.0	0.61
	Silver alloy	Silver (Ag)	7440-22-4	0.01	2.0	0.12
	Lead alloy	Lead (Pb)	7439-92-1	0.27	88.0	5.39
			Subtotal	0.31	100	6.12
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.04	100.0	0.73
			Subtotal	0.04	100	0.73
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02	0.03	0.4
	Copper alloy	Iron (Fe)	7439-89-6	0.04	0.06	0.8
	Copper alloy	Copper (Cu)	7440-50-8	67.1	99.91	1338.79
			Subtotal	67.16	100	1339.99
Post-plating	Pure metal	Tin (Sn)	7440-31-5	1.04	100.0	20.68
			Subtotal	1.04	100	20.68
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	1.4	4.5	27.95
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	3.11	10.0	62.1
	Filler	Silica fused	60676-86-0	23.34	75.0	465.75
	Metal hydroxide	Metal hydroxide		3.11	10.0	62.1
	Carbon Black	Carbon black	1333-86-4	0.16	0.5	3.1
			Subtotal	31.12	100	621
			Total	100.01	100	1995.32

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