

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.16683	100.0	9.99
			Subtotal	0.16683	100	9.99
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.17368	100.0	10.4
			Subtotal	0.17368	100	10.4
Solder Wire	Lead alloy	Tin (Sn)	7440-31-5	0.00835	5.0	0.5
	Lead alloy	Silver (Ag)	7440-22-4	0.00417	2.5	0.25
	Lead alloy	Lead (Pb)	7439-92-1	0.15447	92.5	9.25
			Subtotal	0.16699	100	10
Post-plating	Lead alloy	Tin (Sn)	7440-31-5	0.45423	100.0	27.2
			Subtotal	0.45423	100	27.2
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02005	0.03	1.20057
	Copper alloy	Iron (Fe)	7439-89-6	0.06683	0.1	4.0019
	Copper alloy	Copper (Cu)	7440-50-8	66.74411	99.87	3,996.69753
			Subtotal	66.83099	100	NaN
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.09347	6.5	125.359
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	5.15316	16.0	308.576
	Filler	Silica fused	60676-86-0	22.86716	71.0	1,369.306
	Flame retardant	Metal hydroxide		2.09347	6.5	125.359
			Subtotal	32.20726	100	NaN
			Total	99.99998	100	NaN

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