

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Lead Frame		Phosphorous (P)	7723-14-0	0.01877	0.03	1.00983
		Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.67569	1.08	36.35388
		Copper (Cu)	7440-50-8	61.86947	98.89	3,328.73629
		Subtotal		62.56393	100	NaN
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.65523	7.7	142.8581
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	4.13802	12.0	222.636
	Filler	Silica fused	60676-86-0	27.58679	80.0	1,484.24
	Carbon Black	Carbon black	1333-86-4	0.10345	0.3	5.5659
		Subtotal		34.48349	100	NaN
Post-plating	Pure metal	Tin (Sn)	7440-31-5	1.77873	100.0	95.7
		Subtotal		1.77873	100	95.7
Solder Wire	Pure metal	Tin (Sn)	7440-31-5	0.01746	5.0	0.9395
	Pure metal	Silver (Ag)	7440-22-4	0.00524	1.5	0.28185
	Pure metal	Lead (Pb)	7439-92-1	0.32654	93.5	17.56865
		Subtotal		0.34924	100	18.79
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.25866	100.0	13.91631
		Subtotal		0.25866	100	13.91631
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.56596	100.0	30.45
		Subtotal		0.56596	100	30.45
Total				100.00001	100	NaN

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