

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.55913	100.0	8.48
			Subtotal	0.55913	100	8.48
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.52432	100.0	7.95217
			Subtotal	0.52432	100	7.95217
Solder Wire	Tin alloy	Tin (Sn)	7440-31-5	0.03541	10.0	0.537
	Silver alloy	Silver (Ag)	7440-22-4	0.00708	2.0	0.1074
	Lead alloy	Lead (Pb)	7439-92-1	0.31158	88.0	4.7256
			Subtotal	0.35407	100	5.37
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.00921	0.03	0.13965
	Copper alloy	Iron (Fe)	7439-89-6	0.03376	0.11	0.51205
	Copper alloy	Copper (Cu)	7440-50-8	30.64963	99.86	464.8483
			Subtotal	30.6926	100	465.5
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.31978	100.0	4.85
			Subtotal	0.31978	100	4.85
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	5.40401	8.0	81.96
	Filler	Silica fused	60676-86-0	54.71558	81.0	829.845
	Metal hydroxide	Metal hydroxide		0.47285	0.7	7.1715
	Carbon Black	Carbon black	1333-86-4	0.20265	0.3	3.0735
	Polymer	Epoxy resin system		6.75501	10.0	102.45
			Subtotal	67.5501	100	1024.5
			Total	100	100	1516.65217

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