

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.61685	100.0	11.91217
Subtotal				0.61685	100	11.91217
Post-plating	Pure Metal	Tin (Sn)	7440-31-5	1.39814	100.0	27
Subtotal				1.39814	100	27
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02742	0.04	0.52948
	Copper alloy	Iron (Fe)	7439-89-6	0.06855	0.1	1.3237
	Copper alloy	Copper (Cu)	7440-50-8	68.44905	99.86	1,321.84682
Subtotal				68.54502	100	NaN
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.53413	8.7	48.9375
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	4.66046	16.0	90
	Filler	Silica fused	60676-86-0	21.84591	75.0	421.875
	Carbon Black	Carbon black	1333-86-4	0.08738	0.3	1.6875
Subtotal				29.12788	100	562.5
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.2382	100.0	4.6
Subtotal				0.2382	100	4.6
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.0037	5.0	0.07138
	Lead alloy	Silver (Ag)	7440-22-4	0.00185	2.5	0.03569
	Lead alloy	Lead (Pb)	7439-92-1	0.06838	92.5	1.3206
Subtotal				0.07393	100	1.42767
Total				100.00002	100	NaN

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