

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.00137	5.0	0.02631
	Lead alloy	Silver (Ag)	7440-22-4	0.00069	2.5	0.01315
	Lead alloy	Lead (Pb)	7439-92-1	0.02535	92.5	0.48673
			Subtotal	0.02741	100	0.52619
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.14063	100.0	2.7
			Subtotal	0.14063	100	2.7
Post-plating	Pure Metal	Tin (Sn)	7440-31-5	1.40634	100.0	27
			Subtotal	1.40634	100	27
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02758	0.04	0.52948
	Copper alloy	Iron (Fe)	7439-89-6	0.06895	0.1	1.3237
	Copper alloy	Copper (Cu)	7440-50-8	68.85063	99.86	1,321.84682
			Subtotal	68.94716	100	NaN
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.54899	8.7	48.9375
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	4.6878	16.0	90
	Filler	Silica fused	60676-86-0	21.97407	75.0	421.875
	Carbon Black	Carbon black	1333-86-4	0.0879	0.3	1.6875
			Subtotal	29.29876	100	562.5
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.1797	100.0	3.45
			Subtotal	0.1797	100	3.45
			Total	100	100	NaN

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