

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.69873	100.0	10.18
			Subtotal	0.69873	100	10.18
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.88955	100.0	12.96
			Subtotal	0.88955	100	12.96
Post-plating	Pure Metal	Tin (Sn)	7440-31-5	1.71595	100.0	25
			Subtotal	1.71595	100	25
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02306	0.04	0.336
	Copper alloy	Iron (Fe)	7439-89-6	0.05766	0.1	0.84
	Copper alloy	Copper (Cu)	7440-50-8	57.57516	99.86	838.824
			Subtotal	57.65588	100	840
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	3.35897	8.7	48.9375
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	6.17742	16.0	90
	Filler	Silica fused	60676-86-0	28.95663	75.0	421.875
	Carbon Black	Carbon black	1333-86-4	0.11583	0.3	1.6875
			Subtotal	38.60885	100	562.5
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.02155	5.0	0.314
	Lead alloy	Silver (Ag)	7440-22-4	0.01078	2.5	0.157
	Lead alloy	Lead (Pb)	7439-92-1	0.39872	92.5	5.809
			Subtotal	0.43105	100	6.28
			Total	100.00001	100	1456.92

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