

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Die	Doped silicon	Silicon (Si)	7440-21-3	0.48696	100.0	5.2
			<b>Subtotal</b>	<b>0.48696</b>	<b>100</b>	<b>5.2</b>
Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.00468	2.0	0.05
	Lead alloy	Silver (Ag)	7440-22-4	0.00585	2.5	0.0625
	Lead alloy	Lead (Pb)	7439-92-1	0.22358	95.5	2.3875
			<b>Subtotal</b>	<b>0.23411</b>	<b>100</b>	<b>2.5</b>
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.01396	100.0	0.1491
	Pure metal	Aluminium (Al)	7429-90-5	0.09309	100.0	0.99402
			<b>Subtotal</b>	<b>0.10705</b>	<b>200</b>	<b>1.14312</b>
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.03755	0.1	0.401
	Copper alloy	Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.01127	0.03	0.1203
	Copper alloy	Iron (Fe)	7439-89-6	0.03755	0.1	0.401
	Copper alloy	Copper (Cu)	7440-50-8	37.46596	99.77	400.0777
			<b>Subtotal</b>	<b>37.55233</b>	<b>100</b>	<b>401</b>
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.84536	4.8	30.384
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	5.92784	10.0	63.3
	Filler	Silica fused	60676-86-0	50.38661	85.0	538.05
	Carbon Black	Carbon black	1333-86-4	0.11856	0.2	1.266
			<b>Subtotal</b>	<b>59.27837</b>	<b>100</b>	<b>633</b>
Post-plating	Pure metal	Tin (Sn)	7440-31-5	2.34117	100.0	25
			<b>Subtotal</b>	<b>2.34117</b>	<b>100</b>	<b>25</b>
			<b>Total</b>	<b>99.99999</b>	<b>100</b>	<b>1067.84312</b>

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