

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Lead Frame		Phosphorous (P)	7723-14-0	0.01866	0.03	1.00983
		Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.67166	1.08	36.35388
		Copper (Cu)	7440-50-8	61.50062	98.89	3,328.73629
<b>Subtotal</b>				<b>62.19094</b>	<b>100</b>	<b>NaN</b>
Mould Compound	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	2.6394	7.7	142.8581
	Polymer	Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)	25928-94-3	4.11335	12.0	222.636
	Filler	Silica fused	60676-86-0	27.42232	80.0	1,484.24
	Carbon Black	Carbon black	1333-86-4	0.10283	0.3	5.5659
<b>Subtotal</b>				<b>34.2779</b>	<b>100</b>	<b>NaN</b>
Post-plating	Pure metal	Tin (Sn)	7440-31-5	1.76812	100.0	95.7
<b>Subtotal</b>				<b>1.76812</b>	<b>100</b>	<b>95.7</b>
Solder Wire	Pure metal	Tin (Sn)	7440-31-5	0.0271	5.0	1.467
	Pure metal	Silver (Ag)	7440-22-4	0.00813	1.5	0.4401
	Pure metal	Lead (Pb)	7439-92-1	0.50684	93.5	27.4329
<b>Subtotal</b>				<b>0.54207</b>	<b>100</b>	<b>29.34</b>
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.34282	100.0	18.55507
<b>Subtotal</b>				<b>0.34282</b>	<b>100</b>	<b>18.55507</b>
Die	Doped Silicon	Silicon (Si)	7440-21-3	0.87815	100.0	47.53
<b>Subtotal</b>				<b>0.87815</b>	<b>100</b>	<b>47.53</b>
<b>Total</b>				<b>100</b>	<b>100</b>	<b>NaN</b>

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