

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.10242	100.0	2.14708
			<b>Subtotal</b>	<b>0.10242</b>	<b>100</b>	<b>2.14708</b>
Die	Doped silicon	Silicon (Si)	7440-21-3	0.3196	100.0	6.7
			<b>Subtotal</b>	<b>0.3196</b>	<b>100</b>	<b>6.7</b>
Solder Wire	Tin alloy	Tin (Sn)	7440-31-5	0.02953	10.0	0.61906
	Silver alloy	Silver (Ag)	7440-22-4	0.00591	2.0	0.12381
	Lead alloy	Lead (Pb)	7439-92-1	0.25986	88.0	5.44771
			<b>Subtotal</b>	<b>0.2953</b>	<b>100</b>	<b>6.19058</b>
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.01844	100.0	0.38648
			<b>Subtotal</b>	<b>0.01844</b>	<b>100</b>	<b>0.38648</b>
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.00701	0.03	0.14694
	Pure metal layer	Zinc (Zn)	7440-66-6	0.00467	0.02	0.09796
	Pure metal layer	Tin (Sn)	7440-31-5	0.00701	0.03	0.14694
	Pure metal layer	Iron (Fe)	7439-89-6	0.0257	0.11	0.53877
	Pure metal layer	Copper (Cu)	7440-50-8	23.3192	99.81	488.8594
			<b>Subtotal</b>	<b>23.36359</b>	<b>100</b>	<b>489.79001</b>
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.24647	100.0	5.167
			<b>Subtotal</b>	<b>0.24647</b>	<b>100</b>	<b>5.167</b>
Mould Compound	Polymer	Tetrabromobisphenol A/Epichlorohydrin polymer	40039-93-8	2.26963	3.0	47.58
	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	4.53925	6.0	95.16
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	7.56542	10.0	158.6
	Carbon Black	Carbon black	1333-86-4	0.37827	0.5	7.93
	Filler	Misc. Silica compounds (generic)	14808-60-7	59.01026	78.0	1237.08
	Flame retardant	Antimony Trioxide (Sb2O3) - cas no. 1309-64-4	1309-64-4	1.89135	2.5	39.65
			<b>Subtotal</b>	<b>75.65418</b>	<b>100</b>	<b>1586</b>
			<b>Total</b>	<b>100</b>	<b>100</b>	<b>2096.38115</b>

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