

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.01284	100.0	0.26839
			<b>Subtotal</b>	<b>0.01284</b>	<b>100</b>	<b>0.26839</b>
Solder Wire	Tin alloy	Tin (Sn)	7440-31-5	0.0151	10.0	0.31549
	Silver alloy	Silver (Ag)	7440-22-4	0.00302	2.0	0.0631
	Lead alloy	Lead (Pb)	7439-92-1	0.13284	88.0	2.77629
			<b>Subtotal</b>	<b>0.15096</b>	<b>100</b>	<b>3.15488</b>
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.10068	100.0	2.10415
			<b>Subtotal</b>	<b>0.10068</b>	<b>100</b>	<b>2.10415</b>
Die	Doped silicon	Silicon (Si)	7440-21-3	0.16269	100.0	3.4
			<b>Subtotal</b>	<b>0.16269</b>	<b>100</b>	<b>3.4</b>
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.00703	0.03	0.14694
	Pure metal layer	Zinc (Zn)	7440-66-6	0.00469	0.02	0.09796
	Pure metal layer	Tin (Sn)	7440-31-5	0.00703	0.03	0.14694
	Pure metal layer	Iron (Fe)	7439-89-6	0.02578	0.11	0.53877
	Pure metal layer	Copper (Cu)	7440-50-8	23.3917	99.81	488.8594
			<b>Subtotal</b>	<b>23.43623</b>	<b>100</b>	<b>489.79001</b>
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.24724	100.0	5.167
			<b>Subtotal</b>	<b>0.24724</b>	<b>100</b>	<b>5.167</b>
Mould Compound	Polymer	Tetrabromobisphenol A/Epichlorohydrin polymer	40039-93-8	2.27668	3.0	47.58
	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	4.55336	6.0	95.16
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	7.58894	10.0	158.6
	Carbon Black	Carbon black	1333-86-4	0.37945	0.5	7.93
	Filler	Misc. Silica compounds (generic)	14808-60-7	59.1937	78.0	1237.08
	Flame retardant	Antimony Trioxide (Sb2O3) - cas no. 1309-64-4	1309-64-4	1.89723	2.5	39.65
			<b>Subtotal</b>	<b>75.88936</b>	<b>100</b>	<b>1586</b>
			<b>Total</b>	<b>100</b>	<b>100</b>	<b>2089.88443</b>

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