

External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.01286	100.0	0.26839
Subtotal				0.01286	100	0.26839
Die	Doped silicon	Silicon (Si)	7440-21-3	0.0719	100.0	1.5
Subtotal				0.0719	100	1.5
Solder Wire	Tin alloy	Tin (Sn)	7440-31-5	0.00714	10.0	0.149
	Silver alloy	Silver (Ag)	7440-22-4	0.00143	2.0	0.0298
	Lead alloy	Lead (Pb)	7439-92-1	0.06285	88.0	1.3112
	Subtotal			0.07142	100	1.49
Wire	Pure metal	Aluminium (Al)	7429-90-5	0.10291	100.0	2.14708
Subtotal				0.10291	100	2.14708
Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.00704	0.03	0.14694
	Pure metal layer	Zinc (Zn)	7440-66-6	0.0047	0.02	0.09796
	Pure metal layer	Tin (Sn)	7440-31-5	0.00704	0.03	0.14694
	Pure metal layer	Iron (Fe)	7439-89-6	0.02582	0.11	0.53877
	Pure metal layer	Copper (Cu)	7440-50-8	23.43118	99.81	488.8594
Subtotal				23.47578	100	489.79001
Post-plating	Pure metal	Tin (Sn)	7440-31-5	0.24766	100.0	5.167
Subtotal				0.24766	100	5.167
Mould Compound	Polymer	Tetrabromobisphenol A/Epichlorohydrin polymer	40039-93-8	2.28052	3.0	47.58
	Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	4.56105	6.0	95.16
	Polymer	Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)	29690-82-2	7.60175	10.0	158.6
	Carbon Black	Carbon black	1333-86-4	0.38009	0.5	7.93
	Filler	Misc. Silica compounds (generic)	14808-60-7	59.29363	78.0	1237.08
	Flame retardant	Antimony Trioxide (Sb2O3) - cas no. 1309-64-4	1309-64-4	1.90044	2.5	39.65
Subtotal				76.01748	100	1586
Total				100.00001	100	2086.36248

Disclaimer

All information in this document is furnished for exploratory or indicative purposes only. All information in this document is believed to be accurate and reliable. However, WeEn Semiconductors does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. WeEn Semiconductors may make changes to information published in this document at any time and without notice. Minor deviations may occur in the products from different manufacturing location. This document supersedes and replaces all information supplied prior to the publication hereof. Nothing in this document may be interpreted or construed as an offer to sell products that is open for acceptance or the grant, conveyance or implication of any license under any copyrights, patents or other industrial or intellectual property rights.