Die   Metal oxide   Lead Dioxide (PbO2)   1309-69-0   233   6.5   0.05     Record of Silicon   Silicon (S)   7440-21-3   38.87   100.0   288     Clip Frame   Copper allow   Phosphorous (P)   7723-14-0   0   0.03   0     Clip Frame   Copper allow   Prosphorous (P)   7440-80-8   0   0   0   0     Lead Frame   Copper allow   Phosphorous (P)   7723-14-0   0   0   0   0     Lead Frame   Copper allow   Phosphorous (P)   7723-14-0   0   0   0   0     Lead Frame   Copper allow   Prosphorous (P)   7723-14-0   0   0   0   0     Copper allow   Prosphorous (P)   7440-80-8   0   0   0   0     Mould   Copper allow   Polymer   Subtoal   0   1   0   0     Mould   Mould   Mould   0   0   0   0   0     Mould   Metal	External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Silicon   Sili	Die	Metal oxide	Lead Dioxide (PbO2)	1309-60-0	2.33	6.5	0.05
Clip Frame   Copper alloy   Phosphorous (P)   7723-14-0   0   0.03   0     Copper alloy   Iron (Fe)   7439-89-6   0   0.1   0     Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Lead Frame   Copper alloy   Phosphorous (P)   7723-14-0   0   0.03   0     Copper alloy   Iron (Fe)   7439-89-6   0   0.1   0     Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Mould   Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Mould   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Mould   Polymer   Pelpichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Metal hydroxide hy			Silicon (Si)	7440-21-3	35.87	100.0	0.8
Copper alloy   Copper (Cu)   7439-89-6   0   0.1   0				Subtotal	38.2	106.5	0.85
Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Lead Frame   Copper alloy   Phosphorous (P)   7723-14-0   0   0.03   0     Copper alloy   Iron (Fe)   7439-89-6   0   0.1   0     Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Mould Compound   Polymer   Copper (Cu)   7440-50-8   0   99.87   0     Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Mould Compound   Polymer   Epichlorohydrin/o-Cresol/Formaldehyde   29690-82-2   0   13.0   0     Mould Polymer   Sillca fused   60676-86-0   0   76.0   0     Eller   Carbon black   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   2.31   5.0   0.95	Clip Frame	Copper alloy	Phosphorous (P)	7723-14-0	0	0.03	0
Lead Frame   Copper alloy   Phosphorous (P)   7723-14-0   0   0.03   0     Copper alloy   Iron (Fe)   7439-89-6   0   0.1   0     Copper alloy   Copper alloy   Opper (Cu)   7440-50-8   0   99.87   0     Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide   Metal hydroxide   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Silver (Ag)   7440-31-5   2.31   5.0   0.05     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95		Copper alloy	Iron (Fe)	7439-89-6	0	0.1	0
Lead Frame   Copper alloy   Phosphorous (P)   7723-14-0   0   0.03   0     Copper alloy   Iron (Fe)   7439-89-6   0   0.1   0     Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide hydroxide   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Silver (Ag)   7440-31-5   2.31   5.0   0.05     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95		Copper alloy	Copper (Cu)	7440-50-8	0	99.87	0
Copper alloy				Subtotal	0	100	0
Copper alloy   Copper (Cu)   7440-50-8   0   99.87   0     Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Mould Compound   Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide   1333-86-4   0   1.0   0     Carbon Black   Carbon black   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.95     Subtotal   Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95	Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0	0.03	0
Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide   Metal hydroxide   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.95     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95		Copper alloy	Iron (Fe)	7439-89-6	0	0.1	0
Mould Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide hydroxide   Metal hydroxide   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95		Copper alloy	Copper (Cu)	7440-50-8	0	99.87	0
Compound   Polymer   Phenol Formaldehyde resin (generic)   9003-35-4   0   5.0   0     Polymer   Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic)   29690-82-2   0   13.0   0     Filler   Silica fused   60676-86-0   0   76.0   0     Metal hydroxide hydroxide   0   5.0   0   0     Carbon Black   Carbon black   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95				Subtotal	0	100	0
Follymer   Polymer (generic)   29690-82-2   0   13.0   0   0   0   0   0   0   0   0   0		Polymer	Phenol Formaldehyde resin (generic)	9003-35-4	0	5.0	0
Metal hydroxide   Metal hydroxide   0   5.0   0     Carbon Black   Carbon black   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-31-5   2.31   5.0   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03		Polymer		29690-82-2	0	13.0	0
Nydroxide   Metal hydroxide   5.0   0     Carbon Black   Carbon black   1333-86-4   0   1.0   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03		Filler	Silica fused	60676-86-0	0	76.0	0
Subtotal   0   100   0     Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03			Metal hydroxide		0	5.0	0
Post-plating   Pure Metal   Tin (Sn)   7440-31-5   17.94   100.0   0.4     Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03		Carbon Black	Carbon black	1333-86-4	0	1.0	0
Subtotal 17.94 100 0.4   Die Attach Lead alloy Tin (Sn) 7440-31-5 2.31 5.0 0.05   Lead alloy Silver (Ag) 7440-22-4 1.15 2.5 0.03   Lead alloy Lead (Pb) 7439-92-1 42.72 92.5 0.95   Subtotal 46.18 100 1.03				Subtotal	0	100	0
Die Attach   Lead alloy   Tin (Sn)   7440-31-5   2.31   5.0   0.05     Lead alloy   Silver (Ag)   7440-22-4   1.15   2.5   0.03     Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03	Post-plating	Pure Metal	Tin (Sn)	7440-31-5	17.94	100.0	0.4
Lead alloy Silver (Ag) 7440-22-4 1.15 2.5 0.03   Lead alloy Lead (Pb) 7439-92-1 42.72 92.5 0.95   Subtotal 46.18 100 1.03				Subtotal	17.94	100	0.4
Lead alloy   Lead (Pb)   7439-92-1   42.72   92.5   0.95     Subtotal   46.18   100   1.03	Die Attach	Lead alloy	Tin (Sn)	7440-31-5	2.31	5.0	0.05
<b>Subtotal</b> 46.18 100 1.03		Lead alloy	Silver (Ag)	7440-22-4	1.15	2.5	0.03
		Lead alloy	Lead (Pb)	7439-92-1	42.72	92.5	0.95
<b>Total</b> 102.32 100 2.28				Subtotal	46.18	100	1.03
				Total	102.32	100	2.28

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