Dipe         Diped silicon         Silicon (Si)         7440-21-3         0.0342         10.0         6.8           Lead         Doped silicon         Silicon (Si)         7440-21-3         0.24198         10.0         4.8           Lead         Doped silicon         Silicon (Si)         7440-21-3         0.0108         10.0         2.8           Lead Frame         Copper alloy         Phosphorous (P)         7723-14-0         0.02072         0.3         0.41106           Lead Frame         Copper alloy         Phosphorous (P)         7440-02-0         0.02072         0.3         0.41106           Lead         Copper alloy         Proportion         7440-02-0         0.02972         0.03         0.41106           Mould         Copper alloy         Proportion         7440-02-0         0.02972         0.03         0.1100         1.3000           Mould         Copper alloy         Poper (Gu)         7440-05-0         0.06909         9.84         0.1800         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000         1.0000	External_Type	Material_Group	Substances	CAS_Number	Mass	Mass_Percentage_in_Leaf	Massmg
Pope	Die	Doped silicon	Silicon (Si)	7440-21-3	0.03428	100.0	0.68
Lead Frame         Copper alloy         Phosphorous (P)         7723-14-0         0.02072         0.03         0.41106           Lead Frame         Copper alloy         Nickel (Ni) - cas no. 7440-02-0         7440-02-0         0.02072         0.03         0.41106           Copper alloy         Nickel (Ni) - cas no. 7440-02-0         7440-02-0         0.06908         0.1         1.3702           Copper alloy         Copper (Cu)         7440-02-0         68.96499         99.84         1.368.00788           Mould Compound         Polymer         Phenol Formaldehyde resin (generic)         9003-35-4         1.1599         4.0         23.008           Polymer         Epiclorohydrin/Diethydeneglycol (generic)         25928-94-3         4.34961         15.0         86.28           Filler         Silica fused         60676-86-0         21.45807         74.0         425.648           Post-plating         Pure metal         Metal hydroxide         2.02982         7.0         40.264           Wire         Flame retardant         Metal hydroxide         2.92982         7.0         27.6           Wire         Pure metal         Aluminium (Al)         749-03-15         13.9139         100.0         27.6           Wire         Pure metal		Doped silicon	Silicon (Si)	7440-21-3	0.24198	100.0	4.8
Lead Frame         Copper alloy         Phosphorous (P)         7723-14-0         0.02072         0.03         0.41106           Copper alloy         Nickel (Ni) - cas no. 7440-02-0         7440-02-0         0.02072         0.03         0.41106           Copper alloy         Iron (Fe)         7430-89-6         0.06908         0.1         1.3702           Mould         Copper alloy         Copper (Cu)         7440-50-8         68.96499         99.84         1,368.00768           Mould         Delymer         Copper (Cu)         3440-50-8         69.07551         100         Nan           Mould         Delymer         Phenol Formaldehyde resin         9003-35-4         1.1599         4.0         2.008           Fuller         Silica fused         60676-86-0         21.45807         74.0         425.648           Filler         Silica fused         60676-86-0         21.45807         74.0         425.648           Flamer feathant         Metal hydroxide         2.02982         7.0         40.264           Postplating         Pure metal         Tin (Sn)         7440-31-5         1.39139         100.0         27.6           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.08617         100.0<		Doped silicon	Silicon (Si)	7440-21-3	0.01008	100.0	0.2
Copper alloy   Nickel (Ni) - cas no. 7440-02-0   7440-02-0   0.02072   0.03   0.41108   1.3702				Subtotal	0.28634	300	5.68
Copper alloy   Iron (Fe)   7439-89-6   0.06908   0.1   1.3702   1.3702   1.368.00768   1.369.00768	Lead Frame	Copper alloy	Phosphorous (P)	7723-14-0	0.02072	0.03	0.41106
Copper alloy   Copper (Cu)   7440-50-8   68.96499   99.84   1,368.00768     Subtotal   69.07551   100   NAN     Mould		Copper alloy	Nickel (Ni) - cas no. 7440-02-0	7440-02-0	0.02072	0.03	0.41106
Mould Compound         Polymer         Phenol Formaldehyde resin (generic)         9003-35-4         1.1599         4.0         23.008           Polymer         Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)         25928-94-3         4.34961         15.0         86.28           Filler         Sillca fused         60676-86-0         21.45807         74.0         425.648           Flame retardant         Flame retardant         2.02982         7.0         40.264           Post-plating         Pure metal         Tin (Sn)         7440-31-5         1.39139         100.0         27.6           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.0637         100.0         1.2644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.08167         100.0         1.62           Die Attach         Lead alloy         Tin (Sn)         7429-90-5         0.08167         100.0         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.08107         100.0         1.74644           Die Attach         Lead alloy         Silver (Ag)         7440-32-4         0.00403         2.5         0.084           Lead alloy         Dicyandiamide (generic)		Copper alloy	Iron (Fe)	7439-89-6	0.06908	0.1	1.3702
Mould Compound         Polymer         Phenol Formaldehyde resin (generic)         9003-35-4         1.1599         4.0         23.008           Polymer         Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)         25928-94-3         4.34961         15.0         86.28           Filler         Sillica fused         60676-86-0         21.45807         74.0         425.648           Flame retardant         Metal hydroxide         2.02982         7.0         40.264           Post-plating         Pure metal         Metal hydroxide         28.9974         100         575.2           Post-plating         Pure metal         Tin (Sn)         7440-31-5         1.39139         100.0         27.6           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.00637         100.0         1.264           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00837         100.0         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00837         2.0         0.064           Die Attach         Lead alloy         Tin (Sn)         7440-32-4         0.00832         2.0         0.064           Lead alloy         Lead (Pb)         7439-92-1 <td< th=""><td></td><td>Copper alloy</td><td>Copper (Cu)</td><td>7440-50-8</td><td>68.96499</td><td>99.84</td><td>1,368.00768</td></td<>		Copper alloy	Copper (Cu)	7440-50-8	68.96499	99.84	1,368.00768
Compound         Polymer         Epichlorohydrin/Diethyleneglycol Epoxy resin (generic)         25928-94-3         4.34961         15.0         86.28           Filler         Sillica fused         60676-86-0         21.45807         74.0         425.648           Flame retardant         Metal hydroxide         2.02982         7.0         40.264           Post-plating         Pure metal         Tin (Sn)         7440-31-5         1.39139         100.0         27.6           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.00637         100.0         1.2644           Die Attach         Lead alloy         Tin (Sn)         7440-91-5         0.08167         100.0         1.62           Die Attach         Lead alloy         Tin (Sn)         7440-91-5         0.00637         100.0         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-91-5         0.00804         200         1.74644           Die Attach         Lead alloy         Silver (Ag)         7440-91-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7439-92-1         0.15406         95.5         3.056           Phenolic resin         Phenolic resin         461-58-5				Subtotal	69.07551	100	NaN
Folymer   Epoxy resin (generic)   29328-94-3   4,3496   1,50   86,28		Polymer		9003-35-4	1.1599	4.0	23.008
Flame retardant   Flame reta		Polymer		25928-94-3	4.34961	15.0	86.28
Netarlant   Neta		Filler	Silica fused	60676-86-0	21.45807	74.0	425.648
Post-plating         Pure metal         Tin (Sn)         7440-31-5         1.39139         100.0         27.6           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.00637         100.0         0.12644           Wire         Pure metal         Aluminium (Al)         7429-90-5         0.08167         100.0         1.62           Bubtotal         Subtotal         0.08804         200         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7440-22-4         0.00403         2.5         0.08           Lead alloy         Lead (Pb)         7439-92-1         0.15406         95.5         0.08           Phenolic resin         Phenolic resin         461-58-5         0         0.5         0           Epoxy resin         Epoxy resin system         0         2.5         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0			Metal hydroxide		2.02982	7.0	40.264
Wire         Pure metal         Aluminium (Al)         7429-90-5         0.00637         100.0         0.12644           Pure metal         Aluminium (Al)         7429-90-5         0.08167         100.0         1.62           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00823         2.0         0.064           Lead alloy         Silver (Ag)         7440-31-5         0.00403         2.5         0.08           Lead alloy         Lead (Pb)         7439-92-1         0.15406         95.5         3.056           Dicyandiamide         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0				Subtotal	28.9974	100	575.2
Wire         Pure metal         Aluminium (Al)         7429-90-5         0.00637         100.0         0.12644           Pure metal         Aluminium (Al)         7429-90-5         0.08167         100.0         1.62           Subtotal         0.08804         200         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7440-22-4         0.00403         2.5         0.08           Dicyandiamide         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0	Post-plating	Pure metal	Tin (Sn)	7440-31-5	1.39139	100.0	27.6
Pure metal         Aluminium (Al)         7429-90-5         0.08167         100.0         1.62           Subtotal         0.08804         200         1.74644           Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7440-22-4         0.00403         2.5         0.08           Dicyandiamide         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         2.5         0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0				Subtotal	1.39139	100	27.6
Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7440-22-4         0.00403         2.5         0.08           Lead alloy         Lead (Pb)         7439-92-1         0.15406         95.5         3.056           Dicyandiamide         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         2.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2         3.2	Wire	Pure metal	Aluminium (Al)	7429-90-5	0.00637	100.0	0.12644
Die Attach         Lead alloy         Tin (Sn)         7440-31-5         0.00323         2.0         0.064           Lead alloy         Silver (Ag)         7440-22-4         0.00403         2.5         0.08           Lead alloy         Lead (Pb)         7439-92-1         0.15406         95.5         3.056           Phenolic resin         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2		Pure metal	Aluminium (Al)	7429-90-5	0.08167	100.0	1.62
Lead alloy       Silver (Ag)       7440-22-4       0.00403       2.5       0.08         Lead alloy       Lead (Pb)       7439-92-1       0.15406       95.5       3.056         Dicyandiamide       Dicyandiamide (generic)       461-58-5       0       0.5       0         Phenolic resin       Phenolic resin       0       2.5       0         Epoxy resin       Epoxy resin system       0       20.0       0         Lead alloy       Silver (Ag)       7440-22-4       0       77.0       0         Subtotal       0.16132       200       3.2				Subtotal	0.08804	200	1.74644
Lead alloy       Lead (Pb)       7439-92-1       0.15406       95.5       3.056         Dicyandiamide       Dicyandiamide (generic)       461-58-5       0       0.5       0         Phenolic resin       Phenolic resin       0       2.5       0         Epoxy resin       Epoxy resin system       0       20.0       0         Lead alloy       Silver (Ag)       7440-22-4       0       77.0       0         Subtotal       0.16132       200       3.2	Die Attach	Lead alloy	Tin (Sn)	7440-31-5	0.00323	2.0	0.064
Dicyandiamide         Dicyandiamide (generic)         461-58-5         0         0.5         0           Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2		Lead alloy	Silver (Ag)	7440-22-4	0.00403	2.5	0.08
Phenolic resin         Phenolic resin         0         2.5         0           Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2		Lead alloy	Lead (Pb)	7439-92-1	0.15406	95.5	3.056
Epoxy resin         Epoxy resin system         0         20.0         0           Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2		Dicyandiamide	Dicyandiamide (generic)	461-58-5	0	0.5	0
Lead alloy         Silver (Ag)         7440-22-4         0         77.0         0           Subtotal         0.16132         200         3.2		Phenolic resin	Phenolic resin		0	2.5	0
<b>Subtotal</b> 0.16132 200 3.2		Epoxy resin	Epoxy resin system		0	20.0	0
		Lead alloy	Silver (Ag)	7440-22-4	0	77.0	0
Total 100 100 NaN				Subtotal	0.16132	200	3.2
				Total	100	100	NaN

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