Apex Microtechnology

Materials Substance Report

Model: PA162DK **Print Time:** 5/30/2014 10:51:17 AM

RoHS Compliant: Yes **Lead Free:** Yes

Die Substances	**Total Weight (g)**
Die 1: Silicon	3.560E-03
Die 2: Silicon	3.560E-03
Sn	7.437E-04
Sb	6.909E-05
Lead Frame Substances	**Total Weight (g)**
Copper	1.826E+00
Gold	2.105E-05
Iron	2.749E-03
Nickel	1.131E-03
Palladium	1.519E-04
Zinc	1.382E-04
Phosphorus	1.071E-04
Mold Substances	**Total Weight (g)**
Epoxy Resin A	2.144E-02
Epoxy Resin B	7.147E-03
Brominated Epoxy Resin	1.787E-03
Phenol Resin	1.072E-02
Silica(Amorphous) A	2.930E-01
Silica(Amorphous) B	1.072E-02
Antimony Oxide	1.072E-02
Carbon Black	1.787E-03
Wire Substances	**Total Weight (g)**
Au	6.952E-04

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Substances Present in This Model

Substance	Total Weight (g)
Silicon	3.560E-03
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Au	6.952E-04
Epoxy Resin A	2.144E-02
Epoxy Resin B	7.147E-03
Brominated Epoxy Resin	1.787E-03
Phenol Resin	1.072E-02
Silica(Amorphous) A	2.930E-01
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Antimony Oxide	1.072E-02
Carbon Black	1.787E-03
Copper	1.826E+00
Gold	2.105E-05
Iron	2.749E-03
Nickel	1.131E-03
Palladium	1.519E-04
Zinc	1.382E-04
Phosphorus	1.071E-04
Sn	7.437E-04
Sb	6.909E-05
Sum of all Substances (g)	**2.196E+00**