



# Apex Microtechnology Materials Substance Report

**Model:** AIC1508  
**RoHS Complaint:** Yes

**Print:** 02/22/2024  
**Lead Free:** Yes

| <b>Die Substances</b>                      | <b>Total Weight (g)</b> |
|--|-------------------------|
| 1,1-Di(t-butylperoxy)cyclohexane           | 7.50E-07                |
| 1,4-Cyclohexanedimethanol diglycidyl ether | 9.00E-05                |
| Bisphenol F Type Epoxy Resin               | 9.00E-05                |
| Dicyandiamide                              | 7.50E-07                |
| Epoxy resin                                | 1.80E-04                |
| Ethylene dimethacrylate                    | 1.80E-04                |
| Hardener                                   | 9.00E-05                |
| Silicon                                    | 3.00E-03                |
| Silver Powder                              | 2.37E-03                |

| <b>Lead Frame Substances</b> | <b>Total Weight (g)</b> |
|------------------------------|-------------------------|
| Copper                       | 2.07E-01                |
| Iron                         | 4.81E-03                |
| Phosphorus                   | 1.09E-04                |
| Silver                       | 6.55E-03                |
| Tin                          | 3.10E-03                |
| Zinc                         | 1.09E-04                |

| <b>Mold Substances</b> | <b>Total Weight (g)</b> |
|------------------------|-------------------------|
| Carbon Black           | 1.58E-03                |
| Epoxy resin A          | 1.90E-02                |
| Epoxy resin B          | 7.91E-03                |
| Phenol Resin           | 7.91E-03                |
| Silica(Amorphous) A    | 2.61E-01                |
| Silica(Amorphous) B    | 1.90E-02                |

| <b>Wire Substances</b> | <b>Total Weight (g)</b> |
|------------------------|-------------------------|
| Gold                   | 2.80E-03                |



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**Model:** AIC1508  
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**Lead Free:** Yes

| <b>Substances Present in this Model</b>                | <b>Total Weight (g)</b> |
|--|-------------------------|
| 1,1-Di(t-butylperoxy)cyclohexane                       | 7.50E-07                |
| 1,4-Cyclohexanedimethanol diglycidyl ether             | 9.00E-05                |
| Bisphenol F Type Epoxy Resin                           | 9.00E-05                |
| Carbon Black   | 1.58E-03                |
| Copper   | 2.07E-01                |
| Dicyandiamide  | 7.50E-07                |
| Epoxy resin  | 1.80E-04                |
| Epoxy resin A  | 1.90E-02                |
| Epoxy resin B  | 7.91E-03                |
| Ethylene dimethacrylate                                | 1.80E-04                |
| Gold   | 2.80E-03                |
| Hardener   | 9.00E-05                |
| Iron   | 4.81E-03                |
| Phenol Resin   | 7.91E-03                |
| Phosphorus   | 1.09E-04                |
| Silica(Amorphous) A                                    | 2.61E-01                |
| Silica(Amorphous) B                                    | 1.90E-02                |
| Silicon  | 3.00E-03                |
| Silver   | 6.55E-03                |
| Silver Powder  | 2.37E-03                |
| Tin  | 3.10E-03                |
| Zinc   | 1.09E-04                |
| <b>Sum of All Substances Present in This Model (g)</b> | <b>5.47E-01</b>         |