



Apex Microtechnology Materials Substance Report

Model: AIC1605
RoHS Complaint: Yes

Print: 02/27/2024
Lead Free: Yes

Die Substances	Total Weight (g)
1,1-Di(t-butylperoxy)cyclohexane	2.00E-07
1,4-Cyclohexanedimethanol diglycidyl ether	2.40E-05
Bisphenol F Type Epoxy Resin	2.40E-05
Dicyandiamide	2.00E-07
Epoxy resin	4.80E-05
Ethylene dimethacrylate	4.80E-05
Hardener	2.40E-05
Silicon	2.50E-03
Silver Powder	6.32E-04

Lead Frame Substances	Total Weight (g)
Copper	1.16E-02
Iron	2.86E-04
Phosphorus	6.09E-06
Silver	3.05E-04
Tin	2.00E-03
Zinc	1.22E-05

Mold Substances	Total Weight (g)
2,2'-((3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane	1.43E-03
Carbon Black	1.19E-04
Metal Hydroxide	4.78E-04
Phenol Resin A	5.97E-04
Phenol Resin B	5.97E-04
Silica (Amorphous) A	1.95E-02
Silica (Amorphous) B	1.19E-03

Wire Substances	Total Weight (g)
Gold	8.00E-04
Substances Present in this Model	Total Weight (g)
1,1-Di(t-butylperoxy)cyclohexane	2.00E-07
1,4-Cyclohexanedimethanol diglycidyl ether	2.40E-05
2,2'-((3,3',5,5'-Tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane	1.43E-03
Bisphenol F Type Epoxy Resin	2.40E-05
Carbon Black	1.19E-04
Copper	1.16E-02
Dicyandiamide	2.00E-07
Epoxy resin	4.80E-05
Ethylene dimethacrylate	4.80E-05
Gold	8.00E-04
Hardener	2.40E-05
Iron	2.86E-04
Metal Hydroxide	4.78E-04
Phenol Resin A	5.97E-04
Phenol Resin B	5.97E-04
Phosphorus	6.09E-06
Silica (Amorphous) A	1.95E-02
Silica (Amorphous) B	1.19E-03
Silicon	2.50E-03
Silver	3.05E-04
Silver Powder	6.32E-04
Tin	2.00E-03
Zinc	1.22E-05
Sum of All Substances Present in This Model (g)	4.22E-02