

698 w/Green mold compound summary material content, BI Technologies Corp.

8/27/2007

Highlighted line item is banned per E.U. RoHS. Prepared by Eric Arnold (714) 447-2565

Average mass of 698 Thin Film network is 1.015 grams each. Scientific notation is used for all component masses.

Material name	also known as	CAS #	Weight per unit (grams)	Special classification
Ag	silver	7440-22-4	2.68E-03	
Al ₂ O ₃	aluminum oxide, alumina	1344-28-1	9.76E-03	
Au	gold	7440-57-5	1.48E-04	
BCB	dvs-BCB, divinylsiloxane-bis-benzocyclobutene	124221-30-3	8.86E-06	
carbon black	lamp black, acetylene black	1333-86-4	3.27E-03	
CaO	calcium oxide, quicklime	1305-78-8	2.45E-06	
Cu	copper	7440-50-8	3.21E-01	
epoxy curing agent	trade secret	?	2.20E-05	
epoxy resin	trade secret	?	7.20E-02	
Fe	iron	7439-89-6	7.75E-03	
FeO ₂	iron (III) oxide, ferric oxide	1345-25-1	4.90E-06	
MgO	magnesium oxide	1309-48-4	2.45E-06	
MnO ₂	manganese dioxide or oxide	1313-13-9	9.80E-06	
Ni	nickel	7440-02-0	6.73E-07	
NiCrOx	nichrome	combination of 7440-02-0, 7440-47-3, & 1308-38-9	3.51E-07	
P	phosphorous, red or amorphous	7723-14-0	9.89E-05	
phenol resin	trade secret	?	5.55E-02	
Pb	lead	7439-92-1	3.76E-03	E.U. RoHS banned material, SnPb plating on leads
SiO ₂ , amorphous	silicon dioxide, silica	7631-86-9	1.47E-05	
SiO ₂ , fused silica	silica glass	60676-86-0	5.23E-01	
Sn	tin	7440-31-5	1.50E-02	
TiO ₂	titanium dioxide, titania	13463-67-7	4.90E-06	
trade secret, other		?	1.00E-04	Non-hazardous and not regulated
Zn	zinc	7440-66-6	3.96E-04	
Sum of all components			1.015	