

NQS16 w/green mold compound summary material content, BI technologies Corp.

8/27/2007

Highlighted line item is banned per E.U. R.o.H.S.. Prepared by Eric Arnold (714) 447-2565

Average mass of NQS16 Thin Film network is 0.082 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	1.29E-03	
Al2O3	aluminum oxide, alumina	1344-28-1	5.97E-03	
Au	gold	7440-57-5	3.70E-05	
BCB	dvs-BCB, divinylsiloxane-bis-benzocyclobutene	124221-30-3	3.44E-06	
carbon black	lamp black, acetylene black	1333-86-4	2.29E-04	
CaO	calcium oxide, quicklime	1305-78-8	1.50E-06	
Cu	copper	7440-50-8	2.69E-02	
epoxy curing agent		trade secret	1.40E-05	
epoxy resin		trade secret	1.26E-04	
epoxy resin, cresol novolac		29690-82-2	9.15E-04	
Fe	iron	7439-89-6	6.48E-04	
FeO2	iron (III) oxide, ferric oxide	1345-25-1	3.00E-06	
MgO	magnesium oxide	1309-48-4	1.50E-06	
MnO2	manganese dioxide or oxide	1313-13-9	5.99E-06	
Ni	nickel	7440-02-0	1.53E-07	
NiCrOx	nichrome	combination of 7440-02-0, 7440-47-3, & 1308-38-9	1.07E-07	
P	phosphorous, red or amorphous	7723-14-0	8.28E-06	
Pb	lead	7439-92-1	5.40E-04	E.U. RoHS banned material, SnPb plating on leads
SiO2, amorphous	silicon dioxide, silica	7631-86-9	8.99E-06	
SiO2, fused silica	silica glass	60676-86-0	4.00E-02	
Sn	tin	7440-31-5	8.10E-04	
TiO2	titanium dioxide, titania	13463-67-7	3.00E-06	
trade secret		n/a	4.61E-03	Non-hazardous and not regulated
Zn	zinc	7440-66-6	3.31E-05	
		Sum of all components	8.22E-02	