

**7486 summary material content, BI technologies Corporation**

12/1/2008

No content is banned per E.U. R.o.H.S.. Prepared by Eric Arnold (714) 447-2565

Average mass of 7486 potentiometer is 21.43 grams each. Significant weight variation by resistor value (resistance wire dia.).

Very small masses are given in scientific notation

Material name	also known as	CAS #	Weight per unit (grams)	Special classification
Ag	silver	7440-22-4	0.01008	
Al	aluminum, aluminium	7429-90-5	0.00363	
alkyl/fluoroalkyl substituted arylamine diisocyanate reaction product		n/a	5.00E-05	
Au	gold	7440-57-5	0.00723	
Be	beryllium, glucinium	7440-41-7	0.00096	
bisphenol-A	BPA	80-05-7	5.94E-05	
C	carbon	7440-44-0	0.00965	
calcium carbonate	carbonic acid calcium salt, carbonic acid, chalk, limestone	471-34-1	0.00060	
Co	cobalt	7440-48-4	0.00006	
cobalt naphthenate	naphthenic acid, Naftolite	61789-51-3	7.50E-06	
cobalt neodecanonate		27253-31-2	7.50E-06	
Cr (0)	chrome, chromium (in metals)	7440-47-3	1.4689	
Cu	copper	7440-50-8	4.6644	
diethylene triamine		111-40-0	0.00012	
epichlorohydrin	chloromethyl oxirane	106-89-8	2.73E-08	
epoxy resin, epichlorohydrin/bisphenol A	glycidyl-ether epoxy resin	25068-38-6	0.00055	
Fe	iron	7439-89-6	5.6478	
Fe3O4	iron (II,III) oxide, black, magnetite, C.I. Pigment 11	1317-61-9	9.10E-05	
fiberglass	glass fiber or bead	65997-17-3	2.0578	
hexahydrophthalic anhydride		85-42-7	3.75E-05	
Mn	manganese	7439-96-5	0.01410	
Mo	molybdenum	7439-98-7	0.03774	
Ni	nickel	7440-02-0	0.8818	not in external application
Nylon 6,6	polyamide (PA) 6/6, Zytel™	32131-17-2	0.5112	
P	phosphorous, red or amorphous	7723-14-0	0.00782	
Pb in brass	lead in brass	7439-92-1	0.11506	lead in copper alloy, exempt from RoHS
PBT	polybutylene terephthalate	26062-94-2	4.1140	
Pd	palladium	7440-05-3	0.01167	
polyimide, aromatic	polyamic acid of pyrolytic diandydride/4,4- oxydianiline polymer	25038-81-7	0.1138	
Pt	platinum	7440-06-4	0.00027	
S	sulfur	7704-34-9	0.03031	
Sb	antimony	7440-36-0	0.00399	
SbO3	antimony oxide or trioxide	1309-64-4	0.30512	fire retardant
Si	silicon	7440-21-3	0.03902	
SiO2, amorphous	silicon dioxide, silica	7631-86-9	3.64E-05	
trifluoropropylmethyl siloxane trimethyl terminated		63148-56-1	0.00015	
trimethylolethane triglycidyl ether	2-ethyl-2-(hydroxymethyl)-1,3-propanediol polymer with chloromethyl oxirane	30499-70-8	0.00055	
trade secret (as claimed by supplier)	claimed as non-hazardous	n/a	0.00080	Not hazardous or under any restriction. This category includes components of lubricant, marking ink, and plastic rotor.
Zn	zinc	7440-66-6	1.3745	
Zinc chromium oxide (trivalent)	Zinc chromate (trivalent)	n/a	trace	trivalent chromium a.k.a. Cr[III] (unregulated)
	Sum of components =		21.43	difference to total average mass is rounding error