

**Material Composition for 7200**

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification	
Housing	Fiberite RTP-1379-S	34.811%	Polyethylene Sulfone	25212-74-2	5.94E+00		
			Fiberglass	69997-17-3	3.24E+00		
			Magnesium silicate monohydrate	14807-96-6	1.08E+00		
	Marking Ink	0.00003%	Antimony Oxide	1309-64-4	5.40E-01		
			cobalt naphthenate	61789-51-3	7.50E-06		
			cobalt neodecanonate	27253-31-2	7.50E-06		
Hexahydro-1, -3 isobenzofuranone			85-42-7	3.75E-05	non-hazardous		
Epoxy	0.00645%	trade secret	n/a	2.45E-04			
		N-(2-aminoethyl)-1, 2-ethanediamine	1111-40-03	1.40E-03			
			Phenol, 4,4' (1-Methylene)bis-	80-05-7	6.00E-04		
Coil Resistor	NiCr alloy	15.055%	Ni	7440-02-0	2.10E-01		
			Cr (I)	7440-47-3	5.01E-02		
			Al	7429-90-5	7.71E-03		
			Si	7440-21-3	1.68E-03		
			Mn	7439-96-5	5.78E-03		
			Cu	7440-50-8	3.86E-03		
			Cu	7440-50-8	4.17E+00		
			polyimide, aromatic	25038-81-7	2.20E-01		
			trade secret	n/a	1.00E-03	non-Hazardous	
Rotor Block	Zamak 5	16.811%	Zn	7440-66-6	4.95E+00		
			Al	7429-90-5	2.03E-01		
			Cu	7440-50-8	5.22E-02		
			Mg	7439-95-4	2.61E-03		
			Trace Metals	n/a	2.61E-03		
			alkylfluoroalkyl substituted arylamine	n/a	5.00E-05	non-hazardous	
Spirol Pin	Stainless Steel	0.189%	Fe	7439-89-6	4.06E-02		
			C	7440-44-0	6.21E-05		
			Cr (I)	7440-47-3	1.11E-02		
			Mn	7439-96-5	6.21E-05		
			Mo	7439-98-7	2.95E-04		
			P	7723-14-0	6.21E-05		
			S	7704-34-9	2.33E-04		
			Ni	7440-02-0	5.86E-03		
			Si	7440-21-3	2.95E-04		
Shaft	Stainless Steel	9.542%	Fe	7439-89-6	2.05E+00		
			C	7440-44-0	3.14E-03		
			Cr (I)	7440-47-3	5.62E-01		
			Mn	7439-96-5	3.14E-03		
			Mo	7439-98-7	1.49E-02		
			P	7723-14-0	3.14E-03		
			S	7704-34-9	1.18E-02		
			Ni	7440-02-0	2.96E-01		
			Si	7440-21-3	1.49E-02		
Slider Block	Valox 420SE0	0.944%	Polybutylene terephthalate	26062-94-2	1.90E-01		
			Fiberglass	69997-17-3	8.78E-02		
			Antimony Oxide	1309-64-4	1.46E-02		
Support	Beryllio 25	0.162%	Cu	7440-41-7	4.93E-02		
			Be	7440-50-8	9.58E-04		
			Trace Metals	n/a	1.51E-04		
Retainer Bar	BeCu CA172	0.097%	Cu	7440-50-8	2.96E-02		
			Be	7440-41-7	5.74E-04		
			Trace Metals	n/a	3.03E-05		
Slip Ring	Red Brass 85-15	0.629%	Cu	7440-50-8	1.66E-01		
			Zn	7440-66-6	2.93E-02		
			alkylfluoroalkyl substituted arylamine diisocyanate reaction product	n/a	5.00E-05	non-hazardous	
Lubricant	0.00040%	0.00040%					
Insulator	Mylar EL	0.181%	Polyethylene Terephthalate	25038-59-9	5.62E-02		
Insulator Washer	Nylatron GS	0.066%	Nylon 66	32131-17-2	1.84E-02		
			Molybdenum Disulfide	1317-33-5	2.94E-03		
Pigtail	Wire Ag plating insulation	0.082%	Cu	7440-50-8	2.31E-02		
			Ag	7440-22-4	2.34E-03		
			Silicone Rubber	63994-02-5	5.00E-03		
Contact	Palinoy Alloy #7	0.042%	Pd	7440-05-3	4.52E-03		
			Ag	7440-22-4	5.37E-03		
			Cu	7440-50-8	1.81E-03		
			Au	7440-57-5	1.29E-03		
			Pt	7440-06-4	1.29E-03		
			Zn	7440-66-6	1.29E-04		
			Ni	7440-02-0	6.96E-04		
Ribbon	Huntington Alloy 200	0.003%	Ni	7440-02-0	4.52E-06		
			Other metal traces	n/a	1.17E-01		
Terminal	Brass	0.537%	Cu	7440-50-8	1.17E-01		
			Zn	7440-66-6	4.95E-02		
			Fe	7439-89-6	6.64E-05		
			Pb	7439-92-1	8.30E-05	RoHS exemption 6 ( c )	
Slider Spring	Palinoy Alloy #6	0.043%	Pd	7440-05-3	5.81E-03		
			Ag	7440-22-4	5.02E-03		
			Pt	7440-06-4	1.32E-04		
			Cu	7440-50-8	2.11E-03		
			Ni	7440-02-0	1.32E-04		
Terminal Cap	Brass	0.016%	Cu	7440-50-8	1.35E-03		
			Zn	7440-66-6	1.51E-03		
			Fe	7439-89-6	2.03E-06		
	Epoxy	0.00645%	0.00645%	Pb	7439-92-1	2.54E-06	RoHS exemption 6 ( c )
				Mica	12001-26-2	9.29E-04	
				Epichlorohydrin-4,4'-isopropylidene	25068-38-6	8.19E-04	
				Phenyl glycidyl ether	122-61-1	5.46E-05	
				Quartz (SiO2)	14808-60-7	9.10E-06	
				Carbon black	1333-86-4	9.10E-06	
				Tetraethylene pentamine	112-57-2	1.14E-04	
	Silicone Gum SE-33	0.004%	0.004%	Triethylenetetramine	112-24-3	6.00E-06	
				trade secret	n/a	6.00E-05	
				vinyltrisiloxane, dimethylsiloxane	6309-15-1	6.00E-04	
Lid Front	Aluminum 2024	13.881%	Al	7429-90-5	4.05E+00		
			Cu	7440-50-8	1.94E-01		
			Mg	7439-95-4	6.46E-02		
			trade secret	n/a	5.00E-05	non-Hazardous	
Stop Pin	Stainless Steel	0.379%	Fe	7439-89-6	8.15E-02		
			C	7440-44-0	1.25E-04		
			Cr (I)	7440-47-3	2.24E-02		
			Mn	7439-96-5	1.25E-04		
			Mo	7439-98-7	5.92E-04		
			P	7723-14-0	1.25E-04		
			S	7704-34-9	4.68E-04		
			Ni	7440-02-0	1.18E-02		
			Si	7440-21-3	5.92E-04		
Lid Rear	Fiberite RTP-1379-S	3.786%	Polyethylene Sulfone	25212-74-2	6.46E-01		
			Fiberglass	69997-17-3	3.52E-01		
			Magnesium silicate monohydrate	14807-96-6	1.17E-01		
	Lubricant	0.00004%	0.00004%	Antimony Oxide	1309-64-4	5.87E-02	
				alkylfluoroalkyl substituted arylamine diisocyanate reaction product	n/a	5.00E-05	non-hazardous
Bearing	CRES 440C	1.840%	Fe	7439-89-6	4.52E-01		
			Cr	7440-47-3	9.70E-02		
			Mn	7439-96-5	5.71E-03		
			Mo	7439-98-7	4.28E-03		
			Si	7440-21-3	5.71E-03		
			C	7440-44-0	5.71E-03		
Shim Washer	Stainless Steel	0.037%	Fe	7439-89-6	7.97E-03		
			C	7440-44-0	1.71E-05		
			Cr (I)	7440-47-3	2.05E-03		
			Ni	7727-37-9	1.14E-05		
			Mn	7439-96-5	2.28E-04		
			P	7723-14-0	5.13E-06		
			S	7704-34-9	3.42E-06		
			Ni	7440-02-0	1.03E-03		
			Si	7440-21-3	8.55E-05		
Shim Washer	Brass	0.065%	Cu	7440-50-8	1.41E-02		
			Zn	7440-66-6	6.03E-03		
Shim Washer	Brass	0.030%	Cu	7440-50-8	6.58E-03		
			Zn	7440-66-6	2.82E-03		
Lid Screws	Stainless Steel	0.693%	Fe	7439-89-6	1.95E-01		
			C	7440-44-0	3.23E-04		
			Cr (I)	7440-47-3	3.87E-02		
			Mn	7439-96-5	2.15E-04		
			Mo	7439-98-7	4.30E-03		
			P	7723-14-0	9.68E-05		
			S	7704-34-9	6.45E-05		
			Ni	7440-02-0	1.94E-02		
			Si	7440-21-3	1.61E-03		
Washer	Teflon Loctite 242	0.043% 0.00004%	polytetrafluoroethylene, PTFE	9002-84-0	1.34E-02		
			trade secret	n/a	6.39E-05		
			Saccharin	81-07-2	1.46E-06		
			Silica, amorphous, fumed, crystal-free	112945-52-5	3.50E-06		
			Cumene hydroperoxide	80-15-9	7.00E-07		
			Propane-1,2-diol	57-55-6	7.00E-07		
			Cumene	98-82-8	7.00E-07		
<b>Total Mass</b>					<b>31.02</b>	<b>grams</b>	