

Material Composition for 7246 STD

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification			
Housing	Fiberte RTP-1379-S	35.462%	Polyethylene Sulfone	25212-74-2	5.94E+00				
			Fiberglass	65997-17-3	3.24E+00				
			Magnesium silicate monohydrate	14807-96-6	1.08E+00				
			Antimony Oxide	1309-64-4	5.40E-01				
			cobalt naphthenate	61789-51-3	7.50E-06				
	Marking Ink	0.001%	cobalt neodecanonate	27253-31-2	7.50E-06				
			Hexahydro-1, -3 isobenzofurandione	85-42-7	3.75E-05				
			trade secret	n/a	2.48E-04	non-hazardous			
	Epoxy	0.007%	N-(2-aminoethyl)-1, 2-ethanediamin	1111-40-03	1.40E-03				
			Phenol, 4,4' (1-Methylidene)bis-	90-05-7	6.00E-04				
Coil Resistor	NiCr alloy	0.917%	Ni	7440-02-0	2.10E-01				
			Cr (0)	7440-47-3	5.01E-02				
			Al	7429-90-5	7.71E-03				
			Si	7440-21-3	1.68E-03				
			Mn	7439-96-5	5.79E-03				
			Cu	7440-50-8	3.88E-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			
			Cu core	13.697%	Cu	7440-50-8	4.17E+00		
	Insulation	0.722%			2.20E-01				
	Lubricant	0.003%	0.003%	trade secret	n/a	1.00E-03	non-Hazardous		
Rotor-Shaft	Stainless Steel	18.814%	Fe	7439-89-6	3.97E+00				
			C	7440-44-0	6.07E-03				
			Cr (0)	7440-47-3	1.09E+00				
			Mn	7439-96-5	6.07E-03				
			Mo	7439-98-7	2.88E-02				
			P	7723-14-0	6.07E-03				
			S	7704-34-9	2.28E-02				
			Ni	7440-02-0	5.73E-01				
			Si	7440-21-3	2.98E-02				
			Nylon 66	32131-17-2	6.83E-01				
			Fiberglass	65997-17-3	3.01E-01				
			Antimony Oxide	1309-64-4	2.01E-02				
			alkylfluoroalkyl substituted arylamine	n/a	5.00E-05	non-hazardous			
			Lubricant	0.000%	VALOX 420SEO	0.961%	1.90E-01		
					Fiberglass	65997-17-3	8.78E-02		
			Slider Block	VALOX 420SEO	0.961%	Antimony Oxide	1309-64-4	1.46E-02	
	Beryllco 25	0.166%				0.166%			
	Cu	7440-41-7				4.93E-02			
Support	Beryllco 25	0.166%	Be	7440-50-8	9.58E-04				
			Trace Metals	n/a	1.51E-04				
			Cu	7440-50-8	2.96E-02				
Retainer Bar	BeCu CA172	0.099%	Be	7440-41-7	5.74E-04				
			Trace Metals	n/a	3.02E-05				
			Cu	7440-50-8	1.66E-01				
Slip Ring	Red Brass 85-15	0.641%	Zn	7440-66-6	2.93E-02				
			alkylfluoroalkyl substituted arylamine	n/a	5.00E-05	non-hazardous			
			Cu	7440-50-8	2.31E-02				
Pigtail	Wire	0.076%	Ag	7440-22-4	2.34E-03				
			Ag plating	0.008%	0.008%				
			insulation	0.016%	0.016%				
Contact	Paliney Alloy #7	0.042%	Silicone Rubber	63394-02-5	5.00E-03				
			Pd	7440-05-3	6.45E-03				
			Ag	7440-22-4	3.87E-03				
			Au	7440-57-5	1.29E-03				
			Pt	7440-06-4	1.29E-03				
Ribbon	Huntington Alloy 200	0.003%	Ni	7440-02-0	8.96E-04				
			Other metal traces	n/a	4.50E-06				
Terminal	Brass	0.547%	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)			
			Pd	7440-05-3	5.81E-03				
Slider Spring	Paliney Alloy #6	0.043%	Ag	7440-22-4	5.02E-03				
			Pt	7440-06-4	1.33E-04				
			Cu	7440-50-8	2.11E-03				
			Ni	7440-02-0	1.32E-04				
			Cu	7440-50-8	3.58E-03				
Terminal Cap	Brass	0.017%	Zn	7440-66-6	1.51E-03				
			Fe	7439-89-6	2.03E-06				
			Pb	7439-92-1	2.54E-06	RoHS exemption 6 (c)			
			Mica	12001-26-2	9.29E-04				
			Epichlorohydrin-4,4'-isopropylidene d	25068-38-6	8.19E-04				
			Phenyl glycidyl ether	122-60-1	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				
			Triethylenetetramine	112-24-3	6.00E-06				
	trade secret	n/a	6.00E-05						
	Epoxy	0.007%	vinylmethylsiloxane, dimethylsiloxane	68083-18-1	6.00E-04				
			Cu	7440-50-8	1.92E+00				
			Zn	7440-66-6	1.11E+00				
			Fe	7439-89-6	9.37E-03				
Pb			7439-92-1	8.74E-02	RoHS exemption 6 (c)				
Silicone Gum SE-33	0.002%	Nylon 66	32131-17-2	5.05E-01					
		Fiberglass	65997-17-3	2.23E-01					
		Antimony Oxide	1309-64-4	1.49E-02					
		trade secret	n/a	5.00E-05	non-Hazardous				
		Cu	7440-50-8	0.002	1.84E-03				
Lid Front	Brass C3600	10.256%	Fe	0.317	2.92E-01				
			Mn	0.002	1.84E-03				
			P	0.0000963	8.87E-05				
			S	0.0000963	8.87E-05				
			Ni	7440-02-0	3.68E-03	Can be external nickel			
	NYLAFIL TYPE G-130	2.440%	Cu	7440-50-8	7.74E-01				
			Zn	7440-66-6	4.44E-01				
			Fe	7439-89-6	4.06E-02	RoHS exemption 6 (c)			
			Zn or Ni plating	0.020%	0.020%	Can be external nickel			
			Zn or Ni	7440-66-6 or 7440-02-0	6.24E-03				
Lid Rear	Fiberte RTP-1379-S	3.857%	Polyethylene Sulfone	25212-74-2	6.46E-01				
			Fiberglass	65997-17-3	3.52E-01				
			Magnesium silicate monohydrate	14807-96-6	1.17E-01				
			Antimony Oxide	1309-64-4	5.87E-02				
			alkylfluoroalkyl substituted arylamine	n/a	5.00E-05	non-hazardous			
	Lubricant	0.000%	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				
Bearing	CRES 440C	1.874%	C	7440-44-0	5.71E-03				
			Fe	7439-89-6	7.97E-03				
			Cr (0)	7440-47-3	1.71E-05				
			N	7440-47-3	2.05E-03				
			N	7727-37-9	1.14E-05				
			Mn	7439-96-5	2.29E-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	Stainless Steel	0.037%	Cu	7440-50-8	1.41E-02				
			Zn	7440-66-6	6.03E-03				
Shim Washer	Brass	0.066%	Cu	7440-50-8	6.58E-03				
			Zn	7440-66-6	2.82E-03				
Shim Washer	Brass	0.031%	Cu	7440-50-8	6.58E-03				
			Zn	7440-66-6	2.82E-03				
Lid Screws	Stainless Steel	0.706%	Fe	7439-89-6	1.50E-01				
			C	7440-44-0	3.23E-04				
			Cr (0)	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	0.044%	polytetrafluoroethylene, PTFE	9002-84-0	1.34E-02	
						trade secret	n/a	6.30E-05	
						Saccharin	81-07-2	1.40E-06	
						Silica, amorphous, fumed, crystal-free	112945-52-5	3.50E-06	
Loctite 242	0.000%	Cumene hydroperoxide	80-15-9	7.00E-07					
		Cumene	98-82-8	7.00E-07					
		trade secret	n/a	6.30E-05					
			Total Mass	30.45	grams				