

Material Composition for EN16ABVM22B0F20

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification
Shaft	PC	10.91%	C	7440-44-0	7.50E-03	
			Pc	108-32-7	7.28E-01	
			Ba	7440-39-3	1.13E-02	
			Se	7782-49-2	3.75E-03	
Bushing	Zinc Alloy	56.57%	Zn	7440-66-6	3.70E+00	
			Al	7429-90-5	1.52E-01	
			Mg	7439-95-4	1.95E-02	
			Fe	7439-89-6	2.33E-02	
Lubricant	Lubricating Oil	0.70%	Basic Oil	25189-70-2	3.84E-02	
			Viscous	9003-27-4	7.20E-03	
			Additive	25038-59-9	2.40E-03	
Bracket	SPCC	21.81%	C	7440-44-0	6.00E-01	
			Si	7440-21-3	1.50E-02	
			Mn	7439-96-5	3.90E-01	
			P	7723-14-0	2.85E-01	
			Sn	7440-31-5	3.00E-02	
			Ni	7440-02-0	1.80E-01	
Terminals	Phosphor bronze	0.29%	Cu	7440-50-8	1.80E-02	RoHS exemption 6(c)
			Sn	7440-31-5	1.80E-03	
			Ni	7440-02-0	4.00E-05	
			P	7723-14-0	5.00E-05	
			Fe	7439-89-6	1.00E-04	
			Pb	7439-92-1	4.00E-06	
Encoder Body	PBT	6.75%	PBT	26062-94-2	3.02E-01	Fire Retardant
			Flame retardant	68928-70-1	4.64E-02	
			Antimony trioxide	1309-64-4	2.32E-02	
			Glass fiber	65997-17-3	6.96E-02	
			Additives	N/A	2.32E-02	
Click Plate	Phosphor bronze	1.89%	Cu	7440-50-8	1.17E-01	RoHS exemption 6(c)
			Sn	7440-31-5	1.17E-02	
			Ni	7440-02-0	2.60E-04	
			P	7723-14-0	3.25E-04	
			Fe	7439-89-6	6.50E-04	
			Pb	7439-92-1	2.60E-05	
Contact Plate	Phosphor bronze	1.09%	Cu	7440-50-8	6.75E-02	RoHS exemption 6(c)
			Sn	7440-31-5	6.75E-03	
			Ni	7440-02-0	1.50E-04	
			P	7723-14-0	1.88E-04	
			Fe	7439-89-6	3.75E-04	
			Pb	7439-92-1	1.50E-05	
Total mass				6.877 grams		