

Material Composition for SX-4432A

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (grams)	Special Classification	
Housing	Glass Reinforced PPA	26.49%	PPA	25776-72-1	1.52E+01		
			Glass Fibber	65997-17-3	7.49E+00		
Rear Lid	PBT	9.92%	PBT	26062-94-2	8.33E+00		
			Misc. Not to declare	N/A	1.70E-01		
Torque Array	PCB material	0.69%	Glass Fiber	65997-17-3	3.95E-01		
			Copper	7440-50-8	2.00E-02		
			Nickel	7440-02-0	5.55E-03		
			Gold	7440-57-5	2.31E-03		
			Epoxy resing	N/A	1.69E-01		
	CP Paste	0.23%	Secret Formula	N/A	2.00E-01		
Position Element	PCB material	7.13%	Glass Fiber	65997-17-3	4.16E+00		
			Copper	7440-50-8	1.15E-01		
			Nickel	7440-02-0	3.21E-02		
			Gold	7440-57-5	1.39E-02		
			Epoxy resing	N/A	1.78E+00		
	Slip Ring Paste	0.23%	Secret Formula	N/A	2.00E-01		
Plastic rotor	Glass Reinforced Nylon	15.40%	Glass Fiber	65997-17-3	1.32E+00		
			Nylon 6	25038-54-4	6.60E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.77E+00		
			Poly-paraphenylene terephthalamid	26125-61-1	6.60E-01		
			Polytetrafluoroethylene	9002-84-0	1.32E+00		
			Misc. Not to declare	N/A	5.28E-01		
LH3 Rotor Plastic	Glass Reinforced Nylon	14.87%	Glass Fiber	65997-17-3	1.27E+00		
			Nylon 6	25038-54-4	6.37E+00		
			Acrylonitrile, polymer with styrene	9003-54-7	2.68E+00		
			Poly-paraphenylene terephthalamid	26125-61-1	6.37E-01		
			Polytetrafluoroethylene	9002-84-0	1.27E+00		
			Misc. Not to declare	N/A	5.10E-01		
Coupling	Stainless Steel	4.80%	Iron	7439-89-6	2.88E+00		
			Chromium	7440-47-3	7.41E-01		
			Nickel	7440-02-0	4.12E-01		
			Misc. Not to declare	N/A	8.23E-02		
Hog ring	Stainless Steel	1.39%	Iron	7439-89-6	8.36E-01		
			Chromium	7440-47-3	2.15E-01		
			Nickel	7440-02-0	1.19E-01		
			Misc. Not to declare	N/A	2.39E-02		
Grip Ring	Stainless Steel	1.39%	Iron	7439-89-6	8.36E-01		
			Chromium	7440-47-3	2.15E-01		
			Nickel	7440-02-0	1.43E-01		
Contact	Palladium Alloy	0.15%	Palladium	7440-05-3	0.01		
			Nickel	7440-02-0	1.66E-02		
			Tin	7440-31-5	8.86E-03		
			Silver	7440-22-4	7.14E-03		
			Copper	7440-50-8	8.87E-02		
Wire harness	Wire	5.10%	Copper	7440-40-8	1.98E+00		
			Tin	7440-31-5	2.01E-01		
			Polyvinylchloride	9002-86-2	2.19E+00		
	Terminal pin	2.06%	Copper	7440-40-8	1.73E+00		
			Nickel	7440-02-0	1.76E-02		
			Tin	7723-31-5	8.82E-04		
	Machined terminal	1.61%	Phosphorus	7723-14-0	1.59E-02		
			Copper	7440-50-8	7.44E-01		
			Iron	7439-89-6	8.09E-04		
	Connector	3.00%	Lead	7439-92-1	1.62E-01		RoHS exemption 6(c)
			Tin	7440-31-5	4.77E-01		
			PBT	106565-43-9	2.52E+00		
Tubinf iraxx	Polyolefin resing	1.08%	Misc. not to declare	N/A	5.15E-02		
			Hydrogen	1333-74-0	9.01E-01		
Teflon Wahser	Teflon	1.01%	Carbon	7440-44-0	2.79E-02		
			PTFE	9002-84-0	8.65E-01		
Thermal potting component Nylon		3.38%	Polyamide	32131-17-2	2.61E+00		
			Misc. Not to declare	N/A	2.90E-01		
Label	Polyester label	0.05%	Polyethylene tereohthalate	25038-59-9	4.00E-02		
Total mass					85.70	grams	