

Material Composition for PSxxG Slide Potentiometer

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (mg)	Special Classification
Terminal	SPCC	0.000%	C	7440-44-0	0.10	N/A
		0.000%	Mn	7439-96-5	0.10	
		0.000%	P	7723-14-0	0.02	
		0.000%	S	7704-34-9	0.02	
		0.001%	Si	7440-21-3	0.16	
		0.000%	Al	7429-90-5	0.02	
		0.247%	Fe	7439-89-6	51.97	
	Tin And Pure atomiz	0.009%	Sn	7440-31-5	2.00	
Slider	C7701R	0.222%	Cu	7440-50-8	46.85	
		0.106%	Zn	7440-66-6	22.34	
		0.073%	Nickel	7440-02-0	15.32	
		0.002%	Mn	7439-96-5	0.43	
		0.001%	Fe	7439-89-6	0.17	
	Silver Plating	0.009%	Ag	7440-22-4	2.00	
Element	Phenolic Laminate	5.970%	Pulp cellulose	65996-61-4	1,258.52	
		7.297%	Phenol formaldehyde resin	9003-35-4	1,538.19	
	Carbon Plasm	0.087%	Methanol	67-56-1	18.44	
		0.408%	Carbom Black	1333-86-4	86.05	
		0.023%	Talc	14807-96-6	4.92	
		0.017%	Polymer with xylene 8 phend	29601-89-0	3.69	
		0.017%	Moncbutyi Ether	112-34-5	3.69	
		0.029%	Silver	7440-22-4	6.15	
	Silver Plasm	0.114%	Phenolic resin	9039-25-2	23.97	
		0.292%	Silver	7440-22-4	61.47	
		0.003%	Glass powder	65997-17-3	0.61	
		0.029%	Graphite	7782-42-5	6.15	
		0.029%	Molybdeum disulfide	1317-33-5	6.15	
		0.117%	Diethylene glycol monveihyl ether	111-90-0	24.59	
	White Oil	0.073%	Epoxy Resin	25085-99-8	15.37	
		0.022%	Barium Sulfate Talc	7727-43-7	4.61	
		0.044%	Titanium sulfate	13463-67-7	9.22	
0.007%		Diethylene Glycol Monoethyl Ether Ace	112-15-2	1.54		
Case	SPCC	0.106%	C	7440-44-0	22.38	
		0.106%	Mn	7439-96-5	22.38	
		0.021%	P	7723-14-0	4.48	
		0.021%	S	7704-34-9	4.48	
		0.159%	Si	7440-21-3	33.57	
		0.021%	Al	7429-90-5	4.48	
		52.655%	Fe	7439-89-6	11,099.23	
	Tin And Pure atomiz	0.038%	Sn	7440-31-5	8.00	
Slide base	POM	8.581%	ACETAL POLYMER	002-81-7	1,808.79	
		0.175%	STABILIZER	70624-18-9	36.91	
Iron hander	SPCC	0.009%	C	7440-44-0	1.98	
		0.009%	Mn	7439-96-5	1.98	
		0.002%	P	7723-14-0	0.40	
		0.002%	S	7704-34-9	0.40	
		0.014%	Si	7440-21-3	2.96	
		0.002%	Al	7429-90-5	0.40	
		4.650%	Fe	7439-89-6	980.10	
	Nickel Plating	0.014%	Ni	7440-02-0	3.00	
Fixed Base	POM	1.339%	ACETAL POLYMER	002-81-7	282.24	
		0.027%	STABILIZER	70624-18-9	5.76	
Round Bar	SUS304	12.029%	Fe	7439-89-6	2,535.53	
		0.012%	C	7440-44-0	2.48	
		0.070%	Si	7440-21-3	14.85	
		1.416%	Ni	7440-02-0	298.46	
		0.206%	Mn	7439-96-5	43.50	
		0.005%	P	7723-14-0	1.06	
		0.000%	S	7704-34-9	-	
		3.038%	Cr	7440-47-3	640.42	
Grease	Base oil+Addition	0.011%	Polyisobutylene	9003-27-4	2.40	
		0.007%	PAO	68037-01-4	1.40	
		0.001%	Fumed Sitica	68611-44-9	0.20	

Total mass	21,079.0 mg
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