

Material Composition for 2694 Turn Counting Dial

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (mg)	Special Classification
Body	Zamak	2.047%	Al	7429-90-5	291.10	
		0.023%	Me:	7439-95-4	3.34	
		0.002%	Fe	7439-89-6	0.22	
		47.880%	Zn	7440-66-6	6,808.90	
Plating	Resin	0.000%	Epoxy33%,Acrylic24%,Polyurethane18%		0.01	
Knob	Resin	3.307%	ABS	009003-56-9	470.25	
		0.174%	TiO2	13463-67-7	24.75	
Dial Sleeve	Bsbm	20.013%	Cu	7440-50-8	2,846.00	
		1.048%	Pb	7439-92-1	149.00	
		0.091%	Fe+Sn	7439-89-6	13.00	
		0.000%	Zn	7440-66-6	1,792.00	
Dial	Resin	1.406%	POM	24969-24-5	200.00	
Count Ring	Resin	1.406%	POM	24969-24-5	200.00	
Cover	Aluminium alloy	0.003%	Si	7440-21-3	0.48	
		0.011%	Fe	7439-89-6	1.62	
		0.000%	Cu	7440-50-8	0.06	
		0.000%	Mn	7439-96-5	0.06	
		0.113%	Me:	7439-95-4	16.02	
		0.007%	Cr	7440-47-3	1.02	
		0.000%	Zn	7440-66-6	0.06	
		4.079%	Al	7429-90-5	580.08	
Fixing Plate	Steel	0.001%	C	7440-44-0	0.15	
		0.000%	Si	7440-21-3	0.03	
		0.004%	Mn	7439-96-5	0.54	
		2.104%	Fe	7439-89-6	299.25	
Plating	Nickel	0.001%	Ni	7440-02-0	0.10	
Pimion gear	Resin	0.090%	POM	24969-24-5	12.80	
Fixing Sub Plate	Resin	0.935%	POM	24969-24-5	133.00	
Knob	Resin	0.703%	ABS	009003-56-9	100.00	
Socket screw	Steel	0.002%	C	7440-44-0	0.25	
		0.001%	Si	7440-21-3	0.15	
		0.004%	Mn	7439-96-5	0.55	
		0.002%	Ni	7440-02-0	0.27	
		0.002%	Cr	7440-47-3	0.27	
		0.432%	Fe	7439-89-6	61.40	
Retaining ring	Steel	0.013%	C	7440-44-0	1.80	
		0.004%	Si	7440-21-3	0.51	
		0.005%	Mn	7439-96-5	0.77	
		0.000%	P	7723-14-0	0.02	
		0.000%	Si	7704-34-9	0.01	
		0.000%	Cu	7440-50-8	0.02	
		0.000%	Ni	7440-02-0	0.04	
		0.002%	Cr	7440-47-3	0.30	
		1.480%	Fe	7439-89-6	210.53	

Total mass	14,220.7 mg
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