

# Material Composition for 2606S Turn Counting Dial

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Mass (mg)	Special Classification
DIAL ASSY	Zamak	1.402%	Al	7429-90-5	220.76	
		0.016%	Mg	7439-95-4	2.54	
		0.001%	Fe	7439-89-6	0.17	
		32.953%	Zn	7440-66-6	5,187.22	
Plating	Chromium	0.000%	Cr	7440-47-3	0.01	
FIXING PLATE	Steel	0.001%	C	7440-44-0	0.18	
		0.000%	Si	7440-21-3	0.04	
		0.004%	Mn	7439-96-5	0.66	
		2.317%	Fe	7439-89-6	364.80	
Plating	Nickel	0.000%	Ni	7440-02-0	0.01	
FIXING PLATE KNOB	Resin	0.266%	ABS	009003-56-9	41.80	
		0.014%	TiO2	13463-67-7	2.20	
BODY	Zamak	1.885%	Al	7429-90-5	296.70	
		0.022%	Mg	7439-95-4	3.42	
		0.001%	Fe	7439-89-6	0.23	
		44.289%	Zn	7440-66-6	6,971.64	
Plating	Resin	0.000%	Epoxy33%,Acrylic24%,Polyurethane18%		0.01	
KNOB	Resin	2.987%	ABS	009003-56-9	470.25	
		0.157%	TiO2	13463-67-7	24.75	
COVER	Aluminium alloy	0.003%	Si	7440-21-3	0.48	
		0.010%	Fe	7439-89-6	1.61	
		0.000%	Cu	7440-50-8	0.06	
		0.000%	Mn	7439-96-5	0.06	
		0.101%	Mg	7439-95-4	15.94	
		0.006%	Cr	7440-47-3	1.02	
		0.000%	Zn	7440-66-6	0.06	
		3.671%	Al	7429-90-5	577.87	
		ADAPTOR PLATE	Resin	2.422%	ABS	009003-56-9
		0.127%	TiO2	13463-67-7	20.07	
Retaining ring	Steel	0.011%	C	7440-44-0	1.80	
		0.003%	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	
		1.337%	Fe	7439-89-6	210.53	
FIXING SUB PLATE	Resin	0.846%	POM	24969-24-4	133.20	
COUNT RING	Zamak	0.190%	Al	7429-90-5	29.87	
		0.002%	Mg	7439-95-4	0.34	
		0.000%	Fe	7439-89-6	0.02	
		4.458%	Zn	7440-66-6	701.77	
Plating	Chromium	0.000%	Cr	7440-47-3	0.01	
PINION	Resin	0.084%	POM	24969-24-4	13.20	
Socket screw	Steel	0.002%	C	7440-44-0	0.25	
		0.001%	Si	7440-21-3	0.15	
		0.003%	Mn	7439-96-5	0.55	
		0.002%	Ni	7440-02-0	0.27	
		0.002%	Cr	7440-47-3	0.27	
		0.390%	Fe	7439-89-6	61.40	

<b>Total mass</b>	<b>15,741.2 mg</b>
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