

BOM-style material declaration for custom P160-027A & P160-029A

No content here is banned per E.U. RoHS. Average mass of these P160 pots is 8.6 grams each
 Weights above one milligram rounded to the nearest mg. Values less than 1 mg given in scientific notation.

Sub-component	Material	% of Total Mass	Substance Name	CAS #	Substance Weight (grams)	Special Classification
Shaft	Aluminum	13.90%	Fe	7439-89-6	0.0017	RoHS exempt, Pb in aluminum
			Cu	7440-50-8	0.0679	
			Zn	7440-66-6	0.0013	
			Pb	7439-92-1	0.0030	
			Bi	7440-69-9	0.0055	
			Al	7429-90-5	1.1139	
			Ti	7440-32-6	4.04E-04	
			Si	7740-21-3	0.0010	
Element	Phenolic laminate	4.04%	Cellulose	65996-61-4	0.1563	
			Phenolic resin	9003-35-4	0.1806	
			Melamine resin	unknown	0.0104	
	Conductive plastic	0.138%	Carbon black	1333-86-4	0.0098	
			Talc	14807-96-6	5.60E-04	
			Polymer	29601-89-0	4.20E-04	
			Monobutyl ether	112-34-5	4.20E-04	
	Silver conductor	0.053%	Silver	7440-22-4	7.00E-04	
			Phenolic resin	9039-25-2	9.00E-04	
			Silver	7440-22-4	0.0030	
			Glass powder	65997-17-3	3.00E-05	
	White oil	0.012%	Graphite	7782-42-5	3.00E-04	
			Molybdeum disulfide	1317-33-5	3.00E-04	
			Epoxy Resin	25085-99-8	5.00E-04	
			Barium sulfate talc	7727-43-7	1.50E-04	
Titanium sulfate			13463-67-7	3.00E-04		
Stop plate	POM	3.71%	Diethylene glycol monoethyl ether acetate	112-15-2	5.00E-05	
			Acetal polymer Stabilizer	unknown	0.313	
Spacer plate	Steel	0.184%	unknown	unknown	0.0064	
			C	7440-44-0	9.48E-06	
			Si	7440-21-3	7.58E-05	
			Mn	7439-96-5	1.60E-04	
			P	7723-14-0	4.74E-06	
			S	7704-34-9	1.58E-06	
			Cr	7440-47-3	0.0026	
			Ni	7440-02-0	0.0012	
Washer	Steel	0.172%	Fe	7439-89-6	0.0118	
			C	7440-44-0	8.88E-06	
			Si	7440-21-3	7.10E-05	
			Mn	7439-96-5	1.49E-04	
			P	7723-14-0	4.44E-06	
			S	7704-34-9	1.48E-06	
			Cr	7440-47-3	0.0025	
			Ni	7440-02-0	0.0011	
Terminal	Steel	3.94%	Fe	7439-89-6	0.0110	
			C	7440-44-0	6.77E-04	
			Mn	7439-96-5	6.77E-04	
			P	7723-14-0	1.35E-04	
			S	7704-34-9	1.35E-04	
	Tin	0.003%	Si	7440-21-3	0.0010	
			Al	7429-90-5	1.49E-04	
			Fe	7439-89-6	0.3359	
			Sn	7440-31-5	3.00E-04	
			Slider	Nickel-Silver alloy	0.838%	Cu
			Zn	7440-66-6	0.0189	
			Ni	7440-02-0	0.0130	
			Mn	7439-96-5	3.60E-04	
			Fe	7439-89-6	1.44E-04	

			Pb	7439-92-1	3.60E-05	RoHS exempt, Pb in Cu alloy			
Frame	Steel	25.59%	C	231-153-3	0.0044				
			Mn	231-105-1	0.0044				
			P	231-768-7	8.80E-04				
			S	231-722-6	8.80E-04				
			Si	231-130-8	0.0066				
			Al	231-072-3	0.0010				
			Fe	231-096-4	2.1815				
			Rust prevention oil	0.020%	Sulfonic acids, petroleum, calcium salts	263-093-9	0.0016		
					octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	218-216-0	6.80E-05		
			Case	Steel	20.92%	C	7440-44-0	0.0036	
Mn	7439-96-5	0.0036							
P	7723-14-0	0.0007							
S	7704-34-9	0.0007							
Si	7440-21-3	0.0054							
Al	7429-90-5	0.0008							
Fe	7439-89-6	1.7835							
Luster Tin plating	0.020%	Sn				7440-31-5	0.0017		
Shaft set	Brass	26.43%				Cu	231-159-6	1.3446	
						Pb	231-100-4	0.0732	RoHS exempt, Pb in Cu alloy
			Fe	231-096-4	0.0036				
			Cd	231-152-8	5.23E-05				
			Zn	231-175-3	0.8506				
Axes oil	PAO lubricant	0.035%	Polyisobutylene	9003-27-4	0.0018				
			PAO	68037-01-4	0.0011				
			Fumed silica	68611-44-9	1.50E-04				