

## CASE A Nilo-Tin

PART	WEIGHT (mg)	MATERIAL		WEIGHT (mg)	% OF PART 79.4123	% OF COMPONENT	CAS NO.
ANODE BODY	16.811	Tantalum	Tantalum	13.35	79.4123	57.969	7440-25-7
		Tantalum / tantalum compounds	Tantalum oxide (Ta2o5)	1.55	9.2202		1314-61-0
		Manganese / manganese compounds	Manganese dioxide	1.86	11.0642		1313-13-9
		Carbon	Graphite	0.042	0.0119		7782-42-5
		Silicone	Siloxanes and silicones, di-me	0.002	0.0042		63148-62-9
		Chromium / chromium compounds	Chromium (iii) oxide	0.0007	0.0375		1308-38-9
		Pfas	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	0.0063	94.8307		9002-84-0
SILVER LAYER	0.561	Biocidal coatings / biocidal additives	Silver (ag)	0.532	5.1693	1.9345	7440-22-4
		Epoxy compound	Reaction product: bisphenol-a-(epichlorhydrin)epoxy resin (number average molecular weight >= 700)	0.029	85.8586		25068-38-6
SILVER PASTE	0.099	Biocidal coatings / biocidal additives	Silver (ag)	0.085	14.1414	0.3414	7440-22-4
		Epoxy compound	2-Propenenitrile, polymer with 1,3-butadiene, carboxy-terminated, reaction products with epichlorhydrin-2,2'-methylenebis[phenol] polymer	0.014	74.9964		68610-73-1
MOULDING ENCAPSULANG	6.907	Silica / silica compounds	Silica, vitreous	5.18	10.0043	23.8172	60676-86-0
		Epoxy resin	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	0.691	5.9939		29690-82-2
		Phenolic resin	Phenol, polymer with formaldehyde	0.414	2.997		9003-35-4
		Halogen-free flame retardant	1,3,5-Triazine-2,4,6(1h,3h,5h)-trione, compd. With 1,3,5-triazine-2,4,6-triamine (1:1)	0.207	2.997		37640-57-6
		Aluminium / aluminium compounds	Aluminium hydroxide	0.207	1.998		21645-51-2
		Zinc / boron compounds	Boron zinc hydroxide oxide (b12zn4(oh)14o15)	0.138	0.999		138265-88-0
		Pigments	C.I. Pigment yellow 42	0.069			51274-00-1
TERMINALS	4.622	Nickel and nickel compounds	Nickel	1.852	40.0692	15.9379	7440-02-0
		Iron / iron compounds	Iron	2.55	55.1709		7439-89-6
		Tin / tin compounds	Tin	0.215	4.6517		7440-31-5
		Biocidal coatings / biocidal additives	Silver (ag)	0.005	0.1082		7440-22-4
TOTAL				29 MG			

# MATERIAL DECLARATION

TANTALUM

## ■ CASE B - Nilo-Tin

PART	WEIGHT (mg)	MATERIAL		WEIGHT (mg)	% OF PART	% OF COMPONENT	CAS NO.
ANODE BODY	35.513	Tantalum	Tantalum	26.475	74.5502	52.225	7440-25-7
		Tantalum / tantalum compounds	Tantalum oxide (Ta2o5)	3.425	9.6444		1314-61-0
		Manganese / manganese compounds	Manganese dioxide	5.48	15.431		1313-13-9
		Carbon	Graphite	0.121	0.3407		7782-42-5
		Silicone	Siloxanes and silicones, di-me	0.005	0.0141		63148-62-9
		Chromium / chromium compounds	Chromium (iii) oxide	0.001	0.0028		1308-38-9
		Pfas	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	0.006	0.0169		9002-84-0
SILVER LAYER	1.133	Biocidal coatings / biocidal additives	Silver (ag)	1.074	94.7926	1.6662	7440-22-4
		Epoxy compound	Reaction product: bisphenol-a-(epichlorhydrin)epoxy resin (number average molecular weight >= 700)	0.059	5.2074		25068-38-6
SILVER PASTE	0.178	Biocidal coatings / biocidal additives	Silver (ag)	0.153	85.9551	0.2618	7440-22-4
		Epoxy compound	2-Propenenitrile, polymer with 1,3-butadiene, carboxy-terminated, reaction products with epichlorohydrin-2,2'-methylenebis[phenol] polymer	0.025	14.0449		68610-73-1
MOULDING ENCAPSULANG	21.193	Silica / silica compounds	Silica, vitreous	15.895	75.0012	31.1662	60676-86-0
		Epoxy resin	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	2.119	9.9986		29690-82-2
		Phenolic resin	Phenol, polymer with formaldehyde	1.272	6.002		9003-35-4
		Halogen-free flame retardant	1,3,5-Triazine-2,4,6(1h,3h,5h)-trione, compd. With 1,3,5-triazine-2,4,6-triamine (1:1)	0.636	3.001		37640-57-6
		Aluminium / aluminium compounds	Aluminium hydroxide	0.636	3.001		21645-51-2
		Zinc / boron compounds	Boron zinc hydroxide oxide (b12zn4(oh)14o15)	0.424	2.0007		138265-88-0
		Pigments	C.I. Pigment yellow 42	0.212	1.0003		51274-00-1
TERMINALS	9.983	Nickel and nickel compounds	Nickel	3.997	40.0381	14.6809	7440-02-0
		Iron / iron compounds	Iron	5.505	55.1437		7439-89-6
		Tin / tin compounds	Tin	0.471	4.718		7440-31-5
		Biocidal coatings / biocidal additives	Silver (ag)	0.01	4.718		7440-22-4
<b>TOTAL</b>				<b>68 MG</b>			



## CASE C - Nilo-Tin

PART	WEIGHT (mg)	MATERIAL		WEIGHT (mg)	% OF PART	% OF COMPONENT	CAS NO.
ANODE BODY	94.939	Tantalum	Tantalum	64.84	68.2965	57.1922	7440-25-7
		Tantalum / tantalum compounds	Tantalum oxide (Ta2o5)	14.86	15.6522		1314-61-0
		Manganese / manganese compounds	Manganese dioxide	14.86	15.6522		1313-13-9
		Carbon	Graphite	0.34	0.3581		7782-42-5
		Silicone	Siloxanes and silicones, di-me	0.02	0.0211		63148-62-9
		Chromium / chromium compounds	Chromium (iii) oxide	0.002	0.0021		1308-38-9
		Pfas	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	0.017	0.0179		9002-84-0
SILVER LAYER	2.139	Biocidal coatings / biocidal additives	Silver (ag)	2.028	94.8107	1.2886	7440-22-4
		Epoxy compound	Reaction product: bisphenol-a-(epichlorhydrin)epoxy resin (number average molecular weight >= 700)	0.111	5.1893		25068-38-6
SILVER PASTE	0.625	Biocidal coatings / biocidal additives	Silver (ag)	0.538	86.08	0.3765	7440-22-4
		Epoxy compound	2-Propenenitrile, polymer with 1,3-butadiene, carboxy-terminated, reaction products with epichlorhydrin-2,2'-methylenebis[phenol] polymer	0.087	13.92		68610-73-1
MOULDING ENCAPSULANG	51.257	Silica / silica compounds	Silica, vitreous	38.443	75.0005	30.8777	60676-86-0
		Epoxy resin	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	5.126	10.0006		29690-82-2
		Phenolic resin	Phenol, polymer with formaldehyde	3.075	5.9992		9003-35-4
		Halogen-free flame retardant	1,3,5-Triazine-2,4,6(1h,3h,5h)-trione, compd. With 1,3,5-triazine-2,4,6-triamine (1:1)	1.538	3.0006		37640-57-6
		Aluminium / aluminium compounds	Aluminium hydroxide	1.538	3.0006		21645-51-2
		Zinc / boron compounds	Boron zinc hydroxide oxide (b12zn4(oh)14o15)	1.025	1.9997		138265-88-0
		Pigments	C.I. Pigment yellow 42	0.513	1.0008		51274-00-1
TERMINALS	17.04	Nickel and nickel compounds	Nickel	6.92	40.6103	10.2651	7440-02-0
		Iron / iron compounds	Iron	9.55	56.0446		7439-89-6
		Tin / tin compounds	Tin	0.56	3.2864		7440-31-5
		Biocidal coatings / biocidal additives	Silver (ag)	0.01	0.0587		7440-22-4
<b>TOTAL</b>				<b>166 MG</b>			

# MATERIAL DECLARATION

TANTALUM

## CASE D - Nilo-Tin

PART	WEIGHT (mg)	MATERIAL		WEIGHT (mg)	% OF PART	% OF COMPONENT	CAS NO.
ANODE BODY	179.894	Tantalum	Tantalum	132.163	73.4672	62.0324	7440-25-7
		Tantalum / tantalum compounds	Tantalum oxide (Ta2o5)	18.038	10.027		1314-61-0
		Manganese / manganese compounds	Manganese dioxide	28.86	16.0428		1313-13-9
		Carbon	Graphite	0.635	0.353		7782-42-5
		Silicone	Siloxanes and silicones, di-me	0.029	0.0161		63148-62-9
		Chromium / chromium compounds	Chromium (iii) oxide	0.017	0.0095		1308-38-9
		Pfas	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	0.153	0.0851		9002-84-0
SILVER LAYER	3.887	Biocidal coatings / biocidal additives	Silver (ag)	3.685	94.8032	1.3403	7440-22-4
		Epoxy compound	Reaction product: bisphenol-a-(epichlorhydrin)epoxy resin (number average molecular weight &#x2265; 700)	0.202	5.1968		25068-38-6
SILVER PASTE	1.158	Biocidal coatings / biocidal additives	Silver (ag)	0.998	86.1831	0.3993	7440-22-4
		Epoxy compound	2-Propenenitrile, polymer with 1,3-butadiene, carboxy-terminated, reaction products with epichlorohydrin-2,2'-methylenebis[phenol] polymer	0.16	13.8169		68610-73-1
MOULDING ENCAPSULANG	81.629	Silica / silica compounds	Silica, vitreous	61.222	75.0003	28.1479	60676-86-0
		Epoxy resin	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	8.163	10.0001		29690-82-2
		Phenolic resin	Phenol, polymer with formaldehyde	4.898	6.0003		9003-35-4
		Halogen-free flame retardant	1,3,5-Triazine-2,4,6(1h,3h,5h)-trione, compd. With 1,3,5-triazine-2,4,6-triamine (1:1)	2.449	3.0002		37640-57-6
		Aluminium / aluminium compounds	Aluminium hydroxide	2.449	3.0002		21645-51-2
		Zinc / boron compounds	Boron zinc hydroxide oxide (b12zn4(oh)14o15)	1.633	2.0005		138265-88-0
		Pigments	C.I. Pigment yellow 42	0.816	0.9996		51274-00-1
TERMINALS	23.432	Nickel and nickel compounds	Nickel	9.526	40.6538	8.08	7440-02-0
		Iron / iron compounds	Iron	13.13	50.0345		7439-89-6
		Tin / tin compounds	Tin	0.76	3.2434		7440-31-5
		Biocidal coatings / biocidal additives	Silver (ag)	0.016	0.0683		7440-22-4
<b>TOTAL</b>				<b>290 MG</b>			



## ■ CASE E - Cu-Tin

PART	WEIGHT (mg)	MATERIAL		WEIGHT (mg)	% OF PART	% OF COMPONENT	CAS NO.
ANODE BODY	300.36	Tantalum	Tantalum	213.79	71.1779	58.6629	7440-25-7
		Tantalum / tantalum compounds	Tantalum oxide (Ta2o5)	36.62	12.192		1314-61-0
		Manganese / manganese compounds	Manganese dioxide	48.82	16.2538		1313-13-9
		Carbon	Graphite	1.06	0.3529		7782-42-5
		Silicone	Siloxanes and silicones, di-me	0.05	0.0166		63148-62-9
		Chromium / chromium compounds	Chromium (iii) oxide	0.002	0.0007		1308-38-9
		Pfas	Ethene, 1,1,2,2-tetrafluoro-, homopolymer	0.018	0.006		9002-84-0
SILVER LAYER	6.75	Biocidal coatings / biocidal additives	Silver (ag)	6.4	94.8148	1.3183	7440-22-4
		Epoxy compound	Reaction product: bisphenol-a-(epichlorhydrin)epoxy resin (number average molecular weight 8%± 700)	0.35	5.1852		25068-38-6
SILVER PASTE	0.69	Biocidal coatings / biocidal additives	Silver (ag)	0.6	86.9565	0.1348	7440-22-4
		Epoxy compound	2-Propenenitrile, polymer with 1,3-butadiene, carboxy-terminated, reaction products with epichlorhydrin-2,2'-methylenebis[phenol] polymer	0.1	14.4928		68610-73-1
MOULDING ENCAPSULANG	169.16	Silica / silica compounds	Silica, vitreous	126.87	75	33.0384	60676-86-0
		Epoxy resin	Formaldehyde, polymer with 2-(chloromethyl)oxirane and 2-methylphenol	16.92	10.00024		29690-82-2
		Phenolic resin	Phenol, polymer with formaldehyde	10.15	6.0002		9003-35-4
		Halogen-free flame retardant	1,3,5-Triazine-2,4,6-(1h,3h,5h)-trione, compd. With 1,3,5-triazine-2,4,6-triamine (1:1)	5.07	2.9972		37640-57-6
		Aluminium / aluminium compounds	Aluminium hydroxide	5.07	2.9972		21645-51-2
		Zinc / boron compounds	Boron zinc hydroxide oxide (b12zn4(oh)14o15)	3.38	1.9981		138265-88-0
		Pigments	C.I. Pigment yellow 42	1.69	0.9991		51274-00-1
TERMINALS	35.05	Copper	Copper	31.84	90.8417	6.8456	7440-50-8
		Iron / iron compounds	Iron	0.78	2.2254		7439-89-6
		Zinc	Zinc	0.04	0.1141		7440-66-6
		Phosphorous	Phosphorus	0.01	0.0285		7723-14-0
		Tin / tin compounds	Tin	2.27	6.4765		7440-31-5
		Nickel and nickel compounds	Nickel	0.05	0.1427		7440-02-0
		Biocidal coatings / biocidal additives	Silver (ag)	0.05	0.1427		7440-22-4
TOTAL				512.01 MG			