

Deposit Characteristics

Solution	Code	Metal (g/l)	Plating Rate (in./hr)	HV	Rc	Deposit Structure	Ductility	Taber Wear (mg/1000 cycles)	% Purity of Deposit
AeroNikl 250 (Sulfamate Nickel)	7280/5725	100	0.035	190		Dense	Excellent	52	99.9
AeroNikl 400 (Sulfamate Nickel)	7281/5726	99	0.035	470	47	Dense	Fair	42	99.5
AeroNikl 575 (Sulfamate Nickel)	7282/5727	97	0.035	575	52	Dense	Fair	33	99
Cadmium	2020/5050	147	0.086	18		Dense	Good	N/A	>99
Cadmium No Bake	2023	100	0.057	27		Microporous	Fair	N/A	>99
Cadmium LHE	5070	100	0.086	27		Microporous	Fair	N/A	
Chromium (Dense Trivalent)	2030	30	0.005	584	54	Microcracked	Not Coherent	16	>99
Cobalt (Heavy Build)	2043	80	0.035	400	40	Dense	Fair	158	>99
Cobalt	5200	80	0.032	400	40	Dense	Fair	TBD	
Copper (Acid, Heavy Build)	2050/5250	60	0.023	120		Dense	Excellent	205	99.8
Copper (High-Speed, Acid)	2055	145	0.096	223		Dense	Fair	TBD	>99
Copper (High-Speed, Alkaline)	2056	80	0.034	188		Dense	Fair	TBD	>99
Copper (High-Speed Acid)	5260	100	0.062	106		Dense	Fair	TBD	
Copper (Heavy Build, Alkaline)	5280	80	0.046	150		Dense	Fair	TBD	
Copper XHB	5305	50	0.052	188		Dense	Fair	TBD	
Iron	2062/5502	50	0.033	479	47	Stress Cracks	Very Poor	TBD	>99
Nickel (Acid)	2080/5600	110	0.024			Dense	Very Poor	85	>99
Nickel (High Speed)	2085	50	0.047	585	54	Microporous	Very Poor	65	>99
Nickel (Ductile)	2086	40	0.020	280	27	Dense	Fair	89	99
Nickel (Ductile)	2088	55	0.029	280	27	Dense	Fair	TBD	>99
Nickel (Acid, High Build)	5640	56	0.024	320	32	Dense	Very Poor	TBD	
Nickel (High Speed)	5644	50	0.047	585	54	Microporous	Very Poor	TBD	
Nickel XHB	5646	50	0.047	585	54	Microcracked	Very Poor	TBD	

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Tin (Alkaline)	2090	80	0.007	7		Dense	Excellent	N/A	99.5
Tin (Alkaline)	2092	80	0.007	8		Dense	Excellent	N/A	99.6
Tin (High Speed)	2093	80	0.042	7		Dense	Excellent	N/A	99.9
Tin (Acid)	5900	130	0.20	7		Dense	Excellent	N/A	
Tin (Alkaline B)	5951	80	0.06	7		Dense	Excellent	N/A	
Zinc (Alkaline)	2100/5980	100	0.027	41		Microporous	Fair	N/A	>99
Zinc (Heavy Build)	2103	80	0.064	47		Dense	Excellent	N/A	>99
Babbitt - Navy Grade 2	4011	80	0.017	20		Dense	Fair	N/A	
Babbitt	5925	80	0.02	20		Dense	Fair	N/A	
Colbalt-Tungsten	5230	80	0.032	480	47	Microcracked	Poor	N/A	
Nickel-Phosphorous	5709	60	0.008	510	48	Dense	Very Poor	TBD	
Nickel Tungsten "D"	5710	46	0.025	595	55	Dense	Very Poor	TBD	
Nickel-Cobalt (Semi-Bright)	5720	38	0.027	483	47	Dense	Very Poor	TBD	
Zinc-Nickel LHE	4018/5970	84	0.043	132		Microporous	Fair	TBD	
Zinc-Nickel	4021	84	0.043	132		Microporous	Fair	N/A	
Gold Alkaline	3020	100	0.025	127		Dense	Fair	N/A	99.8
Gold Neutral	3021	98	0.025	120		Dense	Fair	N/A	>99
Gold Acid	3022	90	0.025	124		Dense	Fair	N/A	97
Gold Alkaline	3023	25	0.004	118		Dense	Fair	N/A	99.8
Gold Alkaline	3024	50	0.017	80		Dense	Fair	N/A	99.8
Gold	5350	100	0.031	118		Dense	Fair	N/A	
Gold Non-Cyanide	5355	31	0.004	80		Dense	Fair	N/A	
Gold	5360	25	0.004	118		Dense	Fair	N/A	

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Gold Hard Alloy	5370	100	0.031	160		Dense	Fair	N/A	
Gold Production	5391	50	0.015	118		Dense	Fair	N/A	
Indium	3030	60	0.022	2		Dense	Excellent	N/A	>99
Palladium	3040/5730	30	0.015	318	32	Microcracked	Not Coherent	N/A	>99
Platinum	3052/5750	30	0.004	471	47	Dense	Fair	N/A	>99
Rhodium	5800	20	0.004	613	56	Stress Cracks	Very Poor	N/A	
Rhodium (Low Stress)	5810	50	0.005	613	56	Stress Cracks	Very Poor	N/A	
Silver (Hard, Heavy Build)	3083	100	0.04	122		Dense	Poor	N/A	99.7
Silver (Non-Cyanide)	3084/5870	100	0.025	115		Dense	Poor	N/A	99.6
Silver (Heavy Build)	5860	61	0.125	87		Dense	Poor	N/A	
Silver (Production, Non-Cyanide)	5871	50	0.025	115		Dense	Poor	N/A	

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