

PTA SURFACING POWDERS

Typical													
Designation	B	C	Co	Cr	Fe	Mn	Mo	Ni	Si	W	Cb	Other	Hardness HRC
Cobalt Base - Stellite													
Stellite 1	0.10	2.40	Bal	30.50	3.00*	1.00*	1.00*	3.00*	1.00	12.50	-		55
Stellite 6	-	1.15	Bal	27.75	3.00*	1.00*	1.00*	3.00*	1.15	4.50	-		42
Stellite F	-	1.75	Bal	25.50	3.00*	1.00*	1.00*	22.00	1.10	12.25	-		40
Stellite 6F	-	1.15	Bal	28.50	1.00*	1.00*	1.00*	3.00*	1.10	4.25	-		56
Stellite 12	-	1.40	Bal	29.50	3.00*	1.00*	1.00*	3.00*	1.40	8.25	-		48
Stellite 20	-	2.50	Bal	32.50	3.00*	1.00*	1.00*	3.00*	1.00*	17.25	-		58
Stellite 21	-	0.25	Bal	28.00	2.00*	1.00*	5.50	2.50	2.00*	-	-		28
Stellite 25	-	0.10	Bal	20.00	3.00*	1.50	1.00*	10.00	1.00*	15.00	-		22
Stellite 156	-	1.60	Bal	28.00	0.50*	1.00*	1.00*	3.00*	1.15	4.00	-		44
Stellite 157	2.40	0.10	Bal	21.50	2.00*	1.00*	1.00*	2.00*	1.60	4.50	-		52
Stellite 158	0.70	0.75	Bal	26.00	2.00*	1.00*	1.00*	3.00*	1.25	5.50	-		43
Cobalt Base - Stellite 700 Series													
Stellite 703	-	2.40	Bal	32.00	3.00*	1.50*	12.00	3.00*	1.50*	-	-		54
Stellite 706	-	1.20	Bal	29.00	3.00*	1.50*	5.00	3.00*	1.50*	-	-		42
Stellite 706	-	2.00	Bal	29.00	3.00*	1.50*	8.00	3.00*	2.00*	-	-		49
Stellite 720	0.30	2.50	Bal	33.00	3.00*	1.50*	18.00	3.00*	1.50*	-	-		60
Nickel Base - Deloro													
Deloro 22	1.50	0.20*	-	1.00*	1.00*	-	-	Bal	3.00	-	-		22
Deloro 35	1.60	0.50*	-	4.00	2.50*	-	-	Bal	3.20	-	-		35
Deloro 40	1.70	0.30	-	7.50	2.00	-	-	Bal	3.50	-	-		40
Deloro 46	1.80	0.20*	0.50*	1.00*	1.00*	-	0.50*	Bal	3.00	-	-		46
Deloro 50	2.30	0.45	-	11.00	2.80	-	-	Bal	3.90	-	-		50
Deloro 55	2.75	0.55	-	13.00	4.00	-	-	Bal	4.20	-	-		55
Deloro 60	3.10	0.65	-	15.00	4.20	-	-	Bal	4.20	-	-		60
Nickel Base - Nistelle													
Nistelle C	-	0.12*	2.50*	16.50	5.75	1.00*	17.00	Bal	1.00*	4.50	-	V=0.30	(90)
Nistelle D	-	0.12	1.50*	0.75*	2.00*	1.00*	-	Bal	9.25	-	-	Cu=2.50	35
Nistelle 625	-	0.10*	1.00*	21.50	5.00*	0.50*	9.00	Bal	0.50*	-	3.70		(94)
Nistelle 711	-	2.75	12.50	27.50	22.50	1.00*	10.00	Bal	1.00	4.00*	-		42
Nistelle 716	0.45	1.15	10.75	25.50	30.00	1.00*	3.25	Bal	1.00	3.25	-		29
Nistelle C276	-	0.08*	2.50*	15.50	5.50	1.00*	16.00	Bal	1.00*	3.75	-	V=0.35*	(87)
Iron Base - Delcrome													
Delcrome 90	-	2.75	-	27.00	Bal	1.00*	1.00*	1.00*	1.00*	-	-		52
Delcrome 92	-	3.75	-	1.50*	Bal	1.00*	10.00	2.00*	1.00*	-	-		60
Delcrome 316	-	0.11*	-	17.00	Bal	2.00*	2.50	12.00	3.50*	-	-		(70)
Delcrome 526	-	0.65	0.75*	3.25	Bal	13.50	-	4.00	1.00*	-	-		
Iron Base - Tristelle													
Tristelle TS-1	-	1.00	12.00	30.00	Bal	1.00*	-	10.00	4.90	-	-		38
Tristelle TS-2	-	2.00	12.00	35.00	Bal	1.00*	-	10.00	4.90	-	-		45
Tristelle TS-3	-	3.00	12.00	35.00	Bal	1.00*	-	10.00	4.90	-	-		50
Intermetallic - Tribaloy													
Tribaloy T-400	-	0.08*	Bal	8.50	1.50*	-	28.50	1.50*	2.60	-	-		51
Tribaloy T-700	-	0.08*	1.50*	15.50	1.50*	-	32.50	Bal	3.40	-	-		49
Tribaloy T-800	-	0.08*	Bal	17.50	1.50*	-	28.50	1.50*	3.40	-	-		57
Tribaloy T-900	-	0.08*	Bal	18.00	1.50*	-	23.00	16.00	2.70	-	-		53
Nickel Base WC Composite - Super Stelcar													
							Nickel Matrix			WC			
Super Stelcar 40							60			40			-
Super Stelcar 50							50			50			-
Super Stelcar 60							40			60			-
Super Stelcar 70							30			70			-