

A-Flame Powders

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<u>A-Flame Part #</u>	<u>X-Ref Part #</u>	<u>Powder Description</u>	<u>Price/lb</u>	<u>Specifications</u>
MTLDJ2002	DJ2002	Tungsten Carbide/Nickel Superalloy	Call Or E-Mail Your Inquiry	B50TF167CLA
MTLHV220	HV220	Nickel Based Fusible Alloy/Tungsten Carbide Cobalt		
MTLHV250	HV250	Tungsten Carbide Cobalt 18%		
MTLHV310	HV310	Cobalt Base Superalloy Powder		
MTLHV340	HV340	Chromium Carbide / Nickel Chromium		
MTLHV350	HV350	Chromium Carbide / Nickel Chromium 75/25		
MTLHV360	HV360	Chromium Carbide / Nickel Chromium 80/20		
MTLHV400	NA	Monel 400 for JP5000 HVOF Gun		
MTL10		Pure Copper Spheroidal Powder (-140 +325)		GE B50TF156
MTL15E	15E	Coarse/Fx/Ni-Chrome (Ni/Cr/Fe/Si/B/C) -140, +325		AMS 4775-A MIL-R-17131A
MTL15F	15F	Fine/Fx/Ni-Chrome (Ni/Cr/Fe/Si/B/C) -270, +15		AMS 4775-A
MTL16C	16C	Coarse/Fx/Nickel-Chrome-Moly (Ni/Cr/Si/B/Cu/Mo) -120, +325		OS 12358 MPR1031
MTL31C	31C	Coarse/Fx/Tungsten Carbide Alloy (Ni/WCCo/Cr/Fe/Si/B/C)-120,+325		
MTL32C	32C	Coarse/Fx/Tungsten Carbide Alloy(WCCo/Ni/Cr/B/Fe/Si/C)-120,+325		
MTL34F	34F	Fine/Fx/Tungsten Carbide Alloy (WCCo/Ni/Cr/Fe/Si/B/C) --270, +15		PWA1334
MTL43C	43C-NS	Coarse/Nickel Chromium Alloy (Ni/Cr) 80/20 -140, +325		B50TF40CLA PWA1315
MTL43F	43F-NS	Fine/Nickel Chromium Alloy (Ni/Cr) 80/20 -270, +10		PWA1317
MTL44	44	Coarse/Nickel Alloy (Ni/Cr/Fe) -140, +325		
MTL45VFNS	45VFNS	Fine/Cobalt Base Alloy (Co/Cr/Ni/W/C) -325, +5		PWA1316 CPW236
MTL45CNS	45CNS	Coarse/Cobalt Base Alloy (Co/Cr/Ni/W/C) -200, +325		PWA1318
MTL51F-NS	51F-NS	Fine/ Aluminum Bronze Alloy (Cu/Al/Fe) -270, +15		BMS 10-67(2)
MTA52C	52CNS	Coarse/Aluminum Alloy (Al/Si) 88/12 -104, +325		PWA1335 B50TF92-S2 EMS57742
MTL55	55	Cu 99% Spheroidal, Gas Atomized -90 +45 µm (-170 +325 mesh)		
MTL56FNS	56FNS	Fine/Pure Nickel -325, +10		PWA1324 67A60753-P4
MTL58NS	58NS	Coarse/ Copper Base Alloy (Cu/Ni/In) -200, +325		B50TF72 Class A
MTL63NS	63NS	Spherical Pure Molybdenum -200, +30		B50TF41A PWA1313
MTL73FNS	73FNS	Super Fine/ Tungsten Carbide Cobalt (WC/Co)(17%) -38, +5		B50TF167CLA
MTL74SF	74SF	Super Fine/ Tungsten Carbide Cobalt (WC/Co)(12%) -325, +5		

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MTL81NS	81NS	Coarse/Chrome Carbide-Nickel Chrome (CrC/Ni/Cr) -140, +10		B50TF137B PWA1307
MTL81VFNS	81VFNS	Very Fine/ Chrome Carbide-Nickel Chrome (CrC/Ni/Cr) -325, +5		B502TF137-A PWA1305
CRM101	101NS	Fine/Grey/ Alumina-Titania (Al ₂ O ₃ /TiO ₂ /SiO ₂ /Fe ₂ O ₃) -270, +15		B50TF87-A PWA1311 BMS 10-67(3)
CRM101B	101B	Coarse/Grey/ Alumina-Titania (Al ₂ O ₃ /TiO ₂ /SiO ₂ /Fe ₂ O ₃) -200, +30		B50TF87-B PWA1311
CRM101SF	101SF	Super Fine/Grey/Alumina-Titania (Al ₂ O ₃ /TiO ₂ /SiO ₂ /Fe ₂ O ₃)-25,+5		
CRM102	102	Fine/Titanium Dioxide (99+) (TiO ₂) -270, +10		
CRM105NS	105NS	Fine/White Aluminum Oxide (Al ₂ O ₃ /SiO ₂) -270, +15		PWA1310
CRM105SF	105SF	Super Fine/ White Aluminum Oxide (Al ₂ O ₃ /SiO ₂) -25, +5		PWA1310
CRM106F	106F	Fine/ Chromium Oxide-Black (Cr ₂ O ₃) -45, +15		
CRM130	130	Fine/ Alumina-Titania 87/13 (Al ₂ O ₃ /TiO ₂) -270, +15		
CRM130SF	130SF	Super Fine/ Alumina-Titania 87/13 (Al ₂ O ₃ /TiO ₂) - 30, +5		
CRM131VF	131VF	Very Fine/ Alumina-Titania 60/40 (Al ₂ O ₃ /TiO ₂) -325, +5		
CRM136C	136CP	Coarse/ Chrome Oxide-Silica-Titania (Cr ₂ O ₃ /SiO ₂ /TiO ₂)-140,+15		
CRM136F	136F	Fine/ Chrome Oxide-Silica-Titania (Cr ₂ O ₃ /SiO ₂ /TiO ₂) -53, +15		
MTL138-4		graphite (25% clad with pure nickel(75%) shell		
CRM201NS	201NS	Fine/ Zirconium Oxide (ZrO ₂ /CaO ₂ /Al ₂ O ₃ /SiO ₂) -270, +10		OS 10604(1)
CRM202	202	Coarse/ Zirconia-Yttria 80/20 (ZrO ₂ /Y ₂ O ₃) -170,+10		A50TF204CLA
CRM203	203	Coarse/ Zirconia-Yttria 92/8 (ZrO ₂ /Y ₂ O ₃)-120, +325		
CRM204NS	204NS	Coarse/ Zirconia-Yttria 92/8 (ZrO ₂ /Y ₂ O ₃)-140, +325		A50TF204CLA-C
CRM204B	204B	Fine/ Zirconia-Yttria 92/8 (ZrO ₂ /Y ₂ O ₃)-200, +325		
CRM210NS-1	210NS-1	Fine/ Magnesium Zirconate 76/24 (MgO/ZrO ₂) -270, +10		PWA1333 A50TF155/C RR9507/21
CRM212F	212F	Fine/ MagnesiumAlumina Spinel -230, +10		
CMT301CNS	301CNS	Coarse/Nickel-Boron Nitride (Ni/Cr/Fe/Bn ₂ /Al) -120, +325		
ABD307	307NS	Fine/ Nickel-Graphite 75/25 (-170 mesh +30 μm)		PWA 1352-1
ABD307-2	307NS-2	Fine/ Nickel-Graphite 75/25 -90 +20 μm (-170 mesh +20 μm)		
ABD308	308NS	Fine/ Nickel-Graphite 85/15 -170, +30		PWA 1352-2

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MTL310	310NS	Fine/ Aluminum Graphite Silicon Composite 57/35/8 -120, +15		EMS56765
MTL439	439	Fine/Fs/Tungsten Carbide-Nickel (WC/Ni/Cr/Si/Fe/B/Al/C) -170,+15		B50TF30 PWA1322
MTL442	442	Coarse/Nickel-Stainless Steel (Ni/Cr/Al/Mo/Si/Fe/B) -120, +325		
MTL443	443	Coarse/ Nickel Chromium / Al Sintered -120+325 mesh		
MTL443NS	443NS	Coarse/ NiChrome - Aluminum (NiCr/Al) 94/6 -120, +325		B50TF119A PWA1347
MTL444	444	Coarse/ Self Bond- Stainless Composite(Ni/Cr/Al/Mo/Fe) -120, +325		
MTL447NS	447NS	Coarse/ Self Bond - Moly-Nickel-Aluminum (Mo/Ni/AL) -170, +325		B50TF166CLA
MTL450	450	Coarse/ Nickel Aluminum Bond Coat (Ni/Al) 95/5 -170, +325		
MTL450NS	450NS	Coarse/ Nickel-Aluminum Bond Coat (Ni /Al) 95/5 -170, +325		GE B50TF192 CL.A, GE B50TF162 CL A, Garrett 52432 XXI
MTL452	452	Coarse/ NiChrome-Nickel-Aluminum (Ni-Cr/Ni/Al) -140, +325		
MTL480	480	Coarse/ Nickel-Aluminum - Alloyed Bond Coat -140, +325		PWA1380
MTL451	451	Nickel-Chromium-Aluminum Powder -140+325		
MTL505	505	Fine/Fs/ Molybdenum-Nickel-Chromium (Mo/Ni/Cr) -170, +15		
PLA601	601NS	Fine/ Polyester-Aluminum-Silicon blend -170, +11 um		PWA 1349 GE B50TF222, Class A & Class C EMS 52432 Class XI AVCO M 3955D
MTL962	962	Coarse/ Nickel-Chromium Alloy -140, +270 (# 962)		B50TF192 Class A B50TF162 Class A Garrett 52432, XXI,
MTL5001		Special Moly Blend for coating Pistons and Cylinders of Engines		Special Automotive Application
Fx	=	Self Fluxing		
Fs	=	Self Fusing		

A-Flame Corporation has no business affiliation with Bay State,
Miller/Praxair, Plasmadyne, or Sulzer Metco