

Recycled Cemented Tungsten Carbide Reclaimed Products

Ionization-Reclaimed WC Powders (Typical)

(unit : %)

Element	1-3 μ m ^品	3-5 μ m ^品	5-7 μ m ^品
C	6.18	6.19	6.18
O	0.385	0.123	0.077
Co	0.122	0.0338	0.0278
Ni	0.0341	0.0088	0.0079
Cr	0.156	0.0846	0.0579
Fe	0.0320	0.0095	0.0081
Cu	0.0002	0.0002	0.0002
Al	0.0008	0.0002	0.0002
Ti	0.0407	0.0060	0.0038
Cd	<0.0001	<0.0001	<0.0001
Mn	0.0007	0.0002	0.0002
Mg	0.0011	0.0002	0.0001
Mo	0.0040	0.0016	0.0011
Ca	0.0063	0.0006	0.0006
Na	<0.0010	<0.0010	<0.0010
K	<0.0010	<0.0010	<0.0010
Particle Size* ¹ (μ m)	1.6	4.1	5.9

*1 F.S.S.S.

Zinc-Reclaimed WC Powders (Typical)

(unit : %)

Element	Straight grade A	Straight grade B	Alloy grade
C	5.54	5.57	5.83
Co	10.05	9.53	7.94
Ni	0.0328	0.0170	0.0424
Cr	0.0247	0.454	0.300
Fe	0.122	0.135	0.127
Zn	0.0025	0.0027	0.0025
Ti	0.0065	0.0367	1.16
Ta	0.0085	0.172	1.17
V	0.0072	0.101	0.0090
Nb	0.0041	0.0454	0.838
Particle Size* ¹ (μ m)	2-6	0.5-3	1-3

*1 After acid treatment, F.S.S.S.

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