



Tungsten Carbide Grade Chart

21-Feb-08

AI-met Reference	Composition % by Weight					Trans Rupture 1000 psi	Density *. 0.1 g/cm ³	Hardness HRA	Nominal Grain μM
	Binder	Co	Ni	Cr	W				
DC(Z)05	4.9 - 5.3				95.1 - 94.7	340	15	93.3 - 94.3	0.8
AM-12	11.9-12.1				88.1 - 87.9	435	14	91.0 - 92.1	0.8
AL-6NiCr			6	1	93	540	14.7	92.1 - 93.0	1
AL-6C		5.5 - 6.5			94.5 - 93.5	290	15.0	91.0 - 92.2	1 - 3
AI-10C		9.5 - 10.5			90.5 - 89.5	435	14.5	91.0 - 93.0	1
AL- 11C		10.5 - 11.5			88.5 - 90.5	425	14.4	89.8 - 90.0	1
AL - 13C		13.5 - 12.5			86.5 - 87.5	210	14.3	88.5 - 89.5	Fine

For Tungsten Carbide Grades outside of the above 'standard range' please contact the Sales Office