



Advanced Material & Metal Compounds

□ Ready to Press Powder (Graded Powder)

Ready to Press Powder, also called Tungsten Carbide Grade powder, free-flowing granule which is the basic material of sintered cemented carbide product. The powder is shaped into spherical granule with excellent flow-ability after ball milled, fully mixed and spray dried, each granule contain the constituent of a specified grade, such as tungsten carbide, cobalt, nickel, titanium carbide and other additive with a binder & lubricant.



No.	Item	Standard Specification							
		Co%	Size μm	S/50g	Bulk Density	Coercive force KA/m	Density g/cm^3	HRA	TRS N/mm^2
1	Grade								
	ZK10 μF	6	0.6-0.8	30-40	3.0-3.6	24.7-29.0	14.70-14.95	92.5	2000
2	ZK30 μF	10	0.6-0.8	30-45	2.8-3.3	19.0-24.0	14.30-14.50	91.5	2500
	ZK20	8	1.2-2.0	30-40	3.0-3.6	12.5-16.8	14.90-15.10	90.0	2200
	ZK30	6		30-45	2.9-3.4	10.0-15.0	14.60-14.90	89.5	2300
	YG6	6	2.4-4.0	36	3.55	12.0-17.0	14.70-15.10	91.5	2200
	YG6C	6	10-15	30-40	3.0-3.6	6.4-8.3	14.85-15.00	89.5	2200
	YG8	8	2.4-4.0	36	3.24	10.0-15.0	14.60-14.90	89.0	2400
	YG10	10	2.4-4.0	40	3.24	9.0-12.0	14.40-14.70	88.0	2400
	YG10C	10	10-15	30-40	3.0-3.6	5.5-8.2	14.35-14.55	87.0	2450
	YG11	11	2.4-4.0	30	3.50	8.0-13.0	14.20-14.60	87.0	2400
	YG11C	11	10-15	35	3.75	5.9-9.0	14.10-14.50	87.5	2500
	YG15	15	2.4-4.0	31	2.95	7.0-11.0	13.90-14.20	97.5	2600
	YG20C	20	2.4-4.0	30-45	2.8-3.8	5.0-6.0	13.45-13.65	83.5	2500
	ZP10-1	8.5		37	2.6-3.0	10.5-15.0	11.1-11.35	91.5	
	ZP25	8.5		35	2.7-3.1	12.5-15.5	12.50-12.70	91.4	1800
	ZP35	10		30	3.0-3.6	11.5-15.5	12.60-12.80	90.5	2000
3	Packing	25kg or 50kgs in plastic bag with iron drum outside							