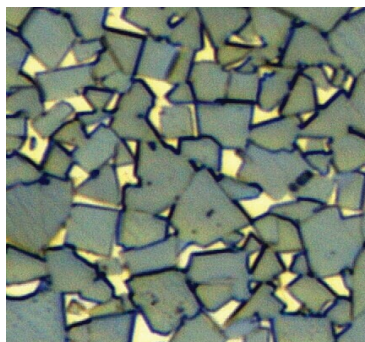
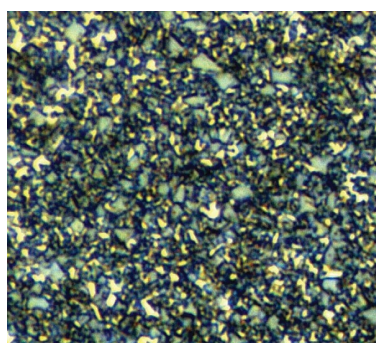


# BESTUNG CARBIDE INC.

## CARBIDE GRADE POWDER (RTP)

Carbide Grade powders are free-flowing formulations which are ready to use as a raw materials in carbide manufacturers. All powders are spray dried and granulated which contains all the ingredients of the specified grade, such as tungsten carbide, cobalt, (tanb)c, (wti)c and any other additives with 2 % of paraffin or PEG.

Following grades are common grades in carbide manufacturers.



Grain size	WC	Co	CrC/TaC/ VC	Hardness (HV3)	Density (g/cm3)	TRS (N/mm2)
0.4-0.6	93.5-93.7	6	0.3-0.5	>1800	14.86-14.96	>3800
0.4-0.6	91.5-91.7	8	0.3-0.5	>1800	14.55-14.65	>3900
<0.8	89.5-89.7	10	0.3-0.5	1550-1650	14.4-14.55	>4000
0.9-1.0	93.5-93.7	6	0.3-0.5	>1600	14.85-15.05	>2000
1.2	94	6		>1560	14.85-15.05	>2000
2.0-2.4	92	8		>1230	14.7-14.80	>2500
2.4-3.0	89	11		>1080	14.3-14.6	>3000
2.0-2.4	88	12		>1250	14.3-14.6	>3000
2.4-3.0	87	13		>1090	14.22-14.4	>3000
2.0-2.4	85	15		>1120	14.05-14.25	>3200
3.0-3.6	85	15		>1040	14.0-14.2	>3200
2.0-2.4	80	20		>950	13.55-13.75	>3000
3.0-3.6	80	20		>740	13.55-13.75	>3000
2.0-2.4	78	22		>950	13.37-13.57	>3000
2.0-2.4	75	25		>820	13.13-13.33	>3000

All ingredients may vary as per customer's request.

**Application:** Wear parts, Mining tools ,Cutting Tools

**Packing:** Materials in plastic bag within steel drum, net each 50 kgs

**Quality:** Sintering report results is available for each lot

76 Industrial drive, North Tonawanda, NY 14120, U.S.A.

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