CB-CERATIZIT
STANDARD GRADES SHEET

CB-CERATIZIT

hard material matters

Grade Series	Grade	WC+Other (±0.5%)	Co (±0.5%)	Grain Size (μm)	Density (g/cm³)±0.1	Hardness (HRA) ±0.5	TRS (Kgf/mm²)	Impact Strength (Kgf-m/cm²)
Metal Forming Tools	KG05	95.5	4.5	0.8~2	14.95	92.5	280	0.20
	KG1	94.5	5.5	1~2	14.90	92.0	310	0.26
	KG2	93.5	6.5	2~3	14.90	90.5	320	0.28
	KG3	91	9	2~3	14.61	89.3	340	0.52
	KG4	88	12	1~2	14.30	89.3	340	0.55
	KG5	88	12	2~3	14.31	88.3	340	0.58
	KG6	86	14	2~3	14.12	87.3	320	0.65
	KG7	85	15	1	13.95	89.3	360	0.70
Impact Resistant Forging Tools	ST6	85	15	3~6	13.80	86.0	270	0.78
	ST7	80	20	2~6	13.40	85.3	270	0.80
	EA65	82	18	2~6	13.73	85.0	300	0.80
	EA90	76	24	2~6	13.22	82.8	270	0.90
	VA70	85	15	3~6	14.02	85.0	270	0.78
	VA80	80	20	3~6	13.58	84.0	280	0.85
	VA90	78	22	6~9	13.39	82.5	240	0.90
	VA95	75	25	6~9	13.12	81.5	220	0.95
Sub Micron	UF03	93.8	6.2	≤0.6	14.65	94.8	360	0.20
	WF03	95	5	≤0.6	14.80	94.0	360	0.20
	WF05	92.8	7.2	≤0.6	14.60	93.0	360	0.20
	WF08	92	8	≤0.6	14.50	94.0	380	0.20
	WF10	90	10	0.6	14.35	92.3	360	0.25
	WF15	90	10	0.6~0.8	14.35	91.8	380	0.30
	K100	94	6	0.8~1	14.83	92.2	320	0.23
	K120	94	6.0	≤0.6	14.80	93.2	330	0.21
	K200	90	10	0.6~0.8	14.40	91.3	400	0.30
	WF20	88	12	0.6~0.8	14.12	91.3	370	0.33
	WF25	88.5	11.5	≤0.6	14.15	92.2	380	0.35
	TF25	88	12	0.6	14.10	92.0	350	0.34
	WF30	87	13	0.8	14.15	90.0	350	0.38
	WF40	85	15	0.6~0.8	13.95	90.0	360	0.40
	CB20F	82	18	≤0.6	13.50	90.0	400	0.85
	CF8	92	8	0.6~0.8	14.67	92.2	330	0.25
	CF10	90	10	0.8~1.0	14.46	91.0	340	0.30
	CF12	88	12	1.0	14.27	90.3	350	0.38
Non Magnetic	NA10	91	9%Ni	0.8	14.36	91.3	280	0.20
	NA20	88	12%Ni	0.8	14.05	90.0	270	0.30
	NA30	86	14%Ni	1~2	14.15	86.5	260	0.39
	NA70	80	20%Ni	2~3	13.60	82.0	240	0.55
ISO K Series	KR10	94.2	5.8	0.8~1	14.80	92.2	300	0.30
	KR10T	94.2	5.8	0.8~1	14.90	92.2	300	0.30
	KR15	93.5	6.5	1~2	14.75	91.8	300	0.33
	KR20	93.5	6.5	1~2	14.75	91.2	300	0.35
	SK25	93	7	1~3	14.70	90.2	320	0.45
Mining Tools	KE7	93	7	6~18	14.82	86.2	210	0.75
	KE8	92	8	3~6	14.73	88.5	250	0.60
	KE9	91	9	3~9	14.61	87.8	240	0.67
	KE10	89.6	10.4	3~6	14.45	87.0	250	0.65
	KE11	89	11	3~9	14.42	86.5	260	0.72
	KE12	88	12	3~9	14.31	87.0	260	0.75
	KE13	87	13	6~9	14.22	85.0	260	0.80
	KE18	82	18	6~9	13.75	83.5	250	0.85
Hot Forging	HA60	86	14	6~9	13.95	84.5	250	0.65
	HA70	84	16	6~9	13.58	83.0	250	0.70
Saw Tips	CTHPP03	97.2	2.8	≤0.6	15.12	94.5	240	0.20
	W05	97	3	0.6~0.8	15.05	94.5	260	0.20
	NW06	97	3	≤0.6	15.06	94.3	260	0.20
	NW05	97	3	≤0.6	15.06	94.1	260	0.20
	WF04	95	5	0.6	14.80	93.8	340	0.20
	W2	97	3	1~3	15.08	93.0	280	0.20
	W3	95	5	1~3	14.90	92.0	280	0.30
	W4	94	6	1~3	14.80	91.0	310	0.35
	PA20	92	8	1~2	11.76	91.3	220	0.45
	MA30	91.5	8.5	1~2	12.50	91.0	260	0.48

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