

GESAC STANDARD WC POWDER RANGE-

(Usual mining grades e.g. GF20D)

Grade	ISO grade	Chemical composition(% in weight)							Physical properties as sintered			
		WC	Co	TiC	TaC	Other VC/Cr ₂ C ₃	Total Carbon %	Wax/PEG	Average grain size WC(um)	Hardness HRA±0.5	Density g/cm ³ ±0.1	TRS MPa min
GF40D	-	88.0	12.0	-	-	-	5.32	2.0%wax	6.0	87.5	14.30	2800
GD20A	-	91.0	9.0	-	-	-	5.56	2.0%PEG	8.0	86.5	14.60	2500
GT20A	P20	79.3	8.0	8.7	4.0	-	6.82	2.0%wax	2.0	91.8	12.40	2200
GK10F	K10	93.3	6.5	-	-	0.20	5.76	2.0%wax	1.8	92.0	14.86	3200
GK30F	K30	91.1	8.5	-	-	0.4	5.63	2.0%wax	1.8	91.0	14.65	2800
GK50	K50	90.0	10.0	-	-	-	5.52	2.0%wax	1.8	90.5	14.54	2800
GF05	K02	97.0	3.0	-	-	-	5.98	2.0%wax	4.0	92.0	15.25	2100
GD22	-	90.8	9.2	-	-	-	5.55	2.0%wax	4.0	88.4	14.62	2600
GU15F	K10-K30	91.4	8.0	-	-	0.6	5.76	2.0%wax	0.6	93.0	14.65	4200
GU25UF	K10-K50	86.0	12.0	-	-	1.4	5.49	2.0%wax	0.4	93.0	14.10	4000
GU10	K10	93.85	6.0	-	-	0.15	5.84	2.0%wax	0.8	93.0	14.85	2700
GU20	K10-K20	89.5	10.0	-	-	0.5	5.57	2.0%wax	0.8	91.8	14.45	3400
GU30	K20-K30	85.7	13.5	-	-	0.8	5.38	2.0%wax	0.8	90.5	14.00	3500
GK02	K01	95.9	4.0	-	-	0.1	5.92	2.0%wax	1.3	92.7	15.15	2100
GK05	K05	94.0	6.0	-	-	-	5.79	2.0%wax	1.5	92.0	14.90	2450
GK10	K10	94.0	6.0	-	-	-	5.78	2.0%wax	2.0	91.5	14.90	2500
GK20	K20	94.0	6.0	-	-	-	5.79	2.0%wax	3.0	91.0	14.90	2600
GK30	K30	92.0	8.0	-	-	-	5.64	2.0%wax	3.0	90.0	14.70	2700
GK40	K40	91.0	9.0	-	-	-	5.57	2.0%wax	3.0	89.5	14.60	2800
GF20D	-	94.0	6.0	-	-	-	5.76	2.0%wax	4.0	90.0	14.90	2600
GF25D	-	92.0	8.0	-	-	-	5.63	2.0%wax	5.0	89.5	14.70	2800
GF31	-	90.5	9.5	-	-	-	5.59	2.0%wax	4.0	89	14.43	2800
GF40	-	88.0	12.0	-	-	-	5.40	2.0%wax	2.0	89.0	14.40	3000
GF45	-	87.0	13.0	-	-	-	5.34	2.0%wax	2.5	88.5	14.20	3100
GF50	-	85.0	15.0	-	-	-	5.20	2.0%wax	3.5	87.5	14.00	3000
GF60	-	80.0	20.0	-	-	-	4.91	2.0%wax	5.5	84.5	13.65	2700
GF65	-	78.0	22.0	-	-	-	4.78	2.0%wax	5.5	84.0	13.40	2700
GF70	-	75.0	25.0	-	-	-	4.60	2.0%wax	5.5	82.5	13.18	2400
GD10	-	94.0	6.0	-	-	-	5.77	2.0%wax	8.0	89.0	14.95	2500
GD20	-	92.0	8.0	-	-	-	5.64	2.0%wax	8.0	86.5	14.60	2500
GD25A	-	90.0	10.0	-	-	-	5.51	2.0%wax	3.0	88.5	14.50	2850
GD50	-	85.0	15.0	-	-	-	5.20	2.0%wax	6.0	86.0	14.00	3000
GT20	P20	72.0	8.0	8.0	12.0	-	6.86	2.0%wax	2.0	92.2	12.40	1900
GT30	P30	75.8	8.0	6.2	10.0	-	6.60	2.0%wax	2.0	91.5	12.80	2100