

Grade Charts: Carbon Brush Grades and Typical Properties										
Haimen Bosheng Carbon Industry Co.,Ltd (www.chinacarbonbrush.com)										
GROUP	Grade	Apparent	Specific	Scleroscope	Fleural	Max	Rated	Contact	Coefficient	Metal %
		desity	resistance	hard	strength	speed	load	drop	friction	
		(microhm x cm)				(m/sec.)	(A/cm²)			
Electro graphite	E3	1.69	1100	30	21.4	45	12.5	M	TB	-
	E22	1.66	1600	45	25.5	30	10	B	E	-
	E23	1.62	4300	70	27.6	25	10	M	B	-
	E24	1.57	3800	60	28.3	30	10	M	B	-
	E25	1.68	3000	65	2706	30	10	B	B	-
	E27	1.54	4300	70	29	33	10	E	TB	-
	E28	1.48	4800	50	18.6	30	10	M	TB	-
	E31	1.6	4800	70	27.6	40	12	E	TB	-
	E32	1.6	3800	55	27	40	12	M	TB	-
	E34	1.62	5500	70	30.3	35	12	M	B	-
	E35	1.52	5500	50	20	35	12	M	B	-
	E36	1.58	5300	70	22.8	35	12	E	TB	-
	E37	1.6	4300	75	33.8	40	10	E	TB	-
	E38	1.7	4600	75	37.2	35	10	M	TB	-
	E39	1.8	4000	85	3702	40	10	E	TB	-
	E40	1.45	5300	40	13.8	45	12	TE	B	-
	E41	1.55	5800	60	20.7	45	12.5	E	TB	-
	E43	1.65	4900	60	25.5	33	10	M	B	-
	E44	1.72	4300	80	37.9	35	10	M	B	-
	E45	1.55	5900	55	22.8	45	12.5	M	TB	-
	E46	1.8	4300	85	39.3	35	10	E	TB	-
	E49	1.64	4300	70	20.7	50	12.5	E	B	-
	E50	1.57	5300	55	20	35	12	M	B	-
	E51	1.56	5600	60	22.1	45	12.5	M	TB	-
	E57	1.53	5400	50	17.9	45	12.5	M	B	-
	E58	1.65	5000	65	27.6	50	12.5	E	TB	-
	E59	1.53	5400	50	17.9	45	12.5	M	B	-
	E60	1.66	5000	75	36.5	50	12.5	E	TB	-
	E61	1.44	1500	30	11	45	12	M	B	-
	E62	1.6	3800	55	27	50	12.5	E	TB	-
	E63	1.58	1400	30	14	45	12	M	B	-
	E67	1.43	6600	40	11	50	12.5	M	B	-
	E77	1.45	6600	40	12.4	50	12.5	E	TB	-
	EH	1.66	1000	35	20.7	25	12	B	M	-
	524	1.58	1000	35	22.8	20	10	B	E	-
	580	1.76	900	40	25.5	40	12	M	M	-
	4029	1.46	6300	45	13.8	40	12.5	M	B	-
	4041	1.49	7600	50	9	37	12.5	M	TB	-
	4674	1.55	7600	55	12.4	40	12.5	E	TB	-
	5410	1.55	5800	55	22.8	45	12.5	M	B	-
	6677	1.6	7600	65	16.5	40	12.5	M	B	-
	8042	1.65	4300	65	27.6	40	12.5	M	B	-
Carbon-Graphite	H	1.64	2700	55	20.7	20	6.5	M	M	-
	HG	1.6	2000	50	27.6	18	6.5	M	E	-
	250	1.72	2000	60	46.2	20	6.5	M	M	-
	357	1.7	3000	50	19.3	22	8.5	M	M	-
	9900	1.42	8700	70	29.6	20	6.5	E	E	-
Graphite	610	1.91	2000	20	32.4	30	8	M	B	-
	619	1.78	4800	35	37.9	25	8	TE	B	-

	RS70	0.8	4.3	30	90HR10/60	-	20			
	RC90	0.1	6.4	45	90HR10/60	-	20			
	M6	0.09	5.5	56	80HR10/50	20	30			
	M7	0.09	5	47	70HR10/50	18	30			
	M8	0.12	4.5	35	65HR10/50	16	30			
	M9	0.1	5	38	50HR10/50	18	30			
	M13	7	2.8	28	100HR10/50	14	35			
	M19	0.23	4	25	60HR10/50	15	35			
	M21	11	2.8	32	100HR10/50	14	35			
	M32	0.65	4	29	95HR10/50	15	40			
Resin bonded graphite	RX88	140	1.68	32	85HR10/60	10	35			
	RX90	310	1.6	20	60HR10/60	10	35			
	RX91	330	1.41	18	80HR10/40	10	40			
	G4	150	1.85	37	100HR10/50	8	30			
	G18	200	1.18	19	95HR10/20	10	30			
	G18U	200	1.22	25	100HR10/20	10	30			
	G19	15	1.4	16	80HR10/20	8	70			
Carbon graphite	RK43	500	1.54	20	70HR10/100	8	30			
Hard carbon	RH30	28	1.66	45	92HR5/100	5	20			