

# Carbon brushes – electrographitic materials

GRADE	RESISTIVITY	FLEXURAL	HARDNESS	DENSITY	CONTACT	FRICTION	CURRENT	MAX
		STRENGTH			DROP	COEF.	DENSITY	SURFACE
	u OHM / m	Mpa	scleroscope	g/cm ^3	VOLTS		A/cm sqr	SPEED
AY	10	20.7	45	1.6	1.8	0.29	6-15	20
G70	11	29.4	45			0.29	12	50
258	19	18.6	39	1.6	1.8	0.19	10-15	31
N39	20	31	47	1.77	2.4	0.19	15.5	51
DE7000	48	38	83	1.71	2.5	0.19	15	51
N2000	48	32	71	1.56	2.5	0.19	15	41
234	51	27.6	62	1.5	2.4	0.19	10	31
DE3	51	31	70	1.62	2.4	0.19	15	41
DE8	51	34.5	85	1.68	2.4	0.19	15	41
N5000	51	34.5	85	1.6	2.4	0.19	10	41
AX5	53	17.2	54	1.56	2.4	0.19	15	41
DE2	53	25.5	72	1.64	2.4	0.19	15	41
DE9000	53	33.1	85	1.68	2.5	0.19	15.5	51
SA35	53	16.5	61	1.54	2.5	0.19	15	41
TA35R	53	16.5	61	1.54	2.5	0.19	15	41
TA35	55	15.5	57	1.55	2.4	0.19	15	41
N6000	60	13.8	66	1.55	2.5	0.19	15	41
TA45R	60.1	15.1	55	1.62	2.5	0.19	15.5	51
DE5	61	27.6	88	1.65	2.4	0.19	15	51
DE7	61	30.3	92	1.67	2.4	0.19	15	51
DE25	61	22.5	85	1.6	2.5	0.19	15.5	51
N19	61	19.3	76	1.61	2.5	0.19	10	41
SA40	61	10.3	53	1.5	2.5	0.19	15	51
SA4548	64	10.3	50	1.5	2.5	0.29	15	41
SA45	66	10	50	1.49	2.5	0.19	15	41
TA45	66	11.7	54	1.53	2.5	0.29	10	51
TA50R	66	12	57	1.62	2.5	0.19	15.5	51
N18	71	15.5	56	1.61	2.5	0.19	15.5	51
N48	71	13.8	59	1.58	2.5	0.19	15	51
SA50	71	6.9	50	1.49	2.5	0.29	15	51
TA50	71	8.8	55	1.53	2.4	0.19	15.5	51
SA4542	73	10.5	57	1.51	2.5	0.29	15	41
TA4542	73	9.9	59	1.57	2.4	0.29	15	41

The information provided above are typical values only. We reserve the right to modify material specifications at our discretion.

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	u OHM / m	Mpa	scleroscope	g/cm ^3			A/cm sqr	SPEED
EGO	12	21	36	1.55	0.95	0.11	10	30
EGOR	12	21	36	1.55	0.97	0.09	10	50
EG260	12	17	37	1.55	0.84	0.17	10	40
EG6749N	21	23	67	1.65	0.83	0.11	10	40
EG12	23	18	63	1.6	0.9	0.1	10	40
EG6345	25	20	67	1.63	0.98	0.1	10	30
EG11	28	18	63	1.6	0.88	0.11	10	40
EG225	36	14	42	1.62	0.91	0.12	12	40
EG14	42	24	61	1.6	0.92	0.16	12	40
EG14D	45	36	67	1.63	1.1	0.1	12	40
EG16	45	19	57	1.6	1.05	0.1	12	50
EG105	48	22	65	1.62	1.1	0.1	12	50
EG224	48	17	60	1.6	1	0.1	12	50
EG236S	48	19	57	1.6	1.05	0.1	12	50
EG259	53	36	66	1.75	1.4	0.06	10	60
EG251	54	21	60	1.68	1.11	0.08	12	60
EG116	58	25	62	1.57	1.2	0.11	12	50
EG275A	58	30	65	1.65	1.1	0.13	12	40
EG283	62	13	45	1.47	1.45	0.07	12	60

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Công ty TNHH Trí Lập  
Phòng 602+604, tòa nhà Vinahud  
đường Trung Yên 9, KĐT Trung Yên  
P. Trung Hòa, Q. Cầu Giấy, Hà Nội

TriLAP Company Limited  
Suite 602+604, Vinahud Building  
Trung Yen 9 Road, Trung Hoa Ward  
Cau Giay Dist., Ha Noi, Viet Nam

Tel: (84-24) 6682 0666  
Fax: (84-24)3226 2435  
Hotline: 090 414 6666/ 098 873 8818  
www.trilap.com.vn

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