Carbon brushes materials

GRADE	RESISTIVITY	FLEXURAL	HARDNESS	DENSITY	CONTACT	FRICTION	CURRENT	MAX
		STRENGTH			DROP	COEF.	DENSITY	SURFACE
	u OHM / m	Мра	scleroscope	g/cm ^3			A/cm sqr	SPEED
IM9101	102	50	39	1.85	1.55	0.05	8	30
IM3	117	29	24	1.78	1.4	0.1	6	30
IM26	120	46	44	1.76	1.65	0.04	7	30
IM23	140	36	38	1.72	1.64	0.04	9	30
IM8876	178	55	47	1.9	2	0.04	7	30

Resin bonded materials

Copper graphite materials

GRADE	RESISTIVITY	FLEXURAL	HARDNESS	DENSITY	CONTACT	FRICTION	CURRENT	MAX
		STRENGTH			DROP	COEF.	DENSITY	SURFACE
	u OHM / m	Мра	scleroscope	g/cm ^3			A/cm sqr	SPEED
SM9173	0.075	58	18	5.2	0.12	0.15	25	20
СМ	0.08	41	6	6.1	0.12	0.11	23	20
SM0	0.1	58	24	5.25				
СМЗН	0.2	27	10	4.2	0.26	0.1	16	30
CM1S	0.32	68	9	5.5	0.12	0.11	23	30
CM5H	0.35	23	15	3.9	0.43	0.1	14	30
CM5B	0.9	33	20	3.5	0.5	0.09	14	30
SM3	2.05	26	29	2.5	0.45	0.15	15	20
CM9	3	29	25	2.8	0.58	0.11	11	35

Natural graphite materials

GRADE	RESISTIVITY	FLEXURAL	HARDNESS	DENSITY	CONTACT	FRICTION	CURRENT	MAX
		STRENGTH			DROP	COEF.	DENSITY	SURFACE
	u OHM / m	Мра	scleroscope	g/cm ^3			A/cm sqr	SPEED
HM5	10.2	10	12	2	0.77	0.14	11	50
HM2	13	11	23	2	0.82	0.09	10	50
634	18	5.2	20	1.28	2.5	.29	10	81
HM6R	20	9	13	1	1.71	0.19	10	80

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

The data in this product bulletin relates only to the specific material detailed herein and does not relate to use in combination with any other material or in any process. We believe that the information contained herein is current as of the date of the product bulletin. Since the use of this inform and these opinions and the conditions of use of the product are not within the control of Morgan AM&T, it is the user's obligation to determine the conditions of safe use of the product. This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered sole for your consideration, investigation and verification.



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