

# SHAH ENGINEERING WORKS

GRADE	Resistivity	Transverse StrengthMPa	Hardness scleroscope	Density g/c.c	Contact Drop V	Coef.of Friction	Current Density A/cm <sup>2</sup>	Normal MaxSurface Speedm/s	Application
SEW-CG1S	0.32	68	9	5.5	0.24	0.11	23	30	HIGH METAL CONTENT GRADE FOR EARTHING AND PLATING APPLICATIONS.
SEW-CG3H	0.2	27	10	4.3	0.52	0.1	16	25	WELL SUITED FOR SLIPRING APPLICATIONS.ALSO USED ON D.C.MACHINES UP TO 12V.
SEW-CG5H	0.35	23	15	3.9	0.86	0.09	14	30	SUITABLE FOR UP TO 40V DC MOTOR AND SLIP RINGS FOR AC MACHINES.
SEW-CG5B	0.9	33	20	3.5	1	0.09	14	30	SIMILAR TO CM5H GOOD COMMUTATING ABILITY SUITABLE FOR UP TO 40V DC MOTOR AND SLIP RINGS FOR AC MACHINES
SEW-CG9	3	29	25	2.8	1.16	0.11	11	35	USED ON UP TO 60V DC GENERATORS/MOTORS AND SLIP RINGS FOR AC MACHINES.
SEW-CG3T	0.17	74	25	4.2	0.3	0.08	16	30	USED ON DC GENERATORS AND SLIP RINGS FOR AC MACHINE
SEW-CG5T	0.3	54	15	3.7	0.4	0.08	14	30	SUITABLE FOR UP TO 40V DC MOTOR AND SLIP RINGS FOR AC MACHINES
SEW-CG9T	0.8	38	22	3.1	0.4	0.08	14	30	USED ON UP TO 60V DC GENERATORS/MOTORS,AND SLIP RINGS FOR AC MACHINES
SEW-CG50	4	37	30	3	1.5	0.2	15	35	SIMILAR TO J201,BUT GOOD FILM AND LIFE
SEW-SG3	2.05	16.5	29	2.5	0.9	0.15	15	20	SILVER GRAPHITE GRADE FOR TACHOS AND MICRO-MOTORS.