

Carbon and Graphite Engineering

425 Mohalla Qureshiyan Bahjoi 244410 district Sambhal Uttar Pradesh

TECHNICAL SPECIFICATION OF CARBON BLOCKS

	Grades Equal to	BRUSH GRADE GROUPS	Grades	Apparent Density gms/cc	Specific Resistance Micro-ohm-cm	Hardness Leeb HLD	Transverse strength Kg/cm ²	
A-	IM-5	Resin bond (RB)	CG-3	1.76	11000	491	290	
	IM-6		CG-6	1.56	45000	521	220	
	IM-8876		CG-8876	1.8	17800	715	450	
	IM-23		CG23	1.65	14000	530	330	
B-	BM51	Metal Graphite (MG)	CG-51	5.85	40.10	290	1090	
	CM+0		CG+0	6.35	7.00	240	870	
	M14R		CGE	5.4	8.40	250	650	
	M14E		CG2	5.3	8.40	260	700	
	M15E		CG3D	4.6	24.5	280	335	
	M16E		CG5D	3.86	68	392	475	
	M16EX		CG5DX	3.90	70	415	500	
	M17E		CG17	3.60	135	328	260	
	M18E		CG18	3.6	80	385	450	
	M100E		CG-100	2.3	1200	373	250-300	
	M145E		CG145	4.82	12.24	295	430	
	M185E		CG185	3.3	150	343	220	
	KE14Z3		CG14Z1	5.2	12	370	510	
	BE22Z1		CG22Z1	4.1	44	390	300	
	BE14Z1		CG-14Z3	3.2	60	331	440	
	C40Z3		CG-40X	4.25	110	450	457	
	CG626		CG-626	2.9	170	490	570	
	C80X		CG-80X	3.10	410	510	480	
C-	HM6R		Natural Graphite (NG)	CG-6	1.55	2200	260	150
	LFC554	CG-554		1.26	2000	250	110	
D-	EG0	Electro Graphite (EG)	CGEG-O	1.56	1300	610	260	
	EG0R		CGEG-OR	1.56	1300	610	260	
	EG12		CGEG-21	1.57	2500	700	175	
	EG14		CGEG-41	1.67	4800	750	220	
	EG14D		CGEG-41D	1.70	4700	750	300	
	EG105		CGEG-501	1.62	5250	671	220	
	EG224		CGEG-422	1.6	4800	714	180-190	
	EG236-S		CGEG-632	1.6	5200	660	195	
	EG251		CGEG-152	1.6	4800	700	195	

	E49X		CGEG-94	1.6	6200	720	250
	E55		CGEG-55	1.62	2800	550	230
	EG313		CGEG-313	1.7	2200	700	300
	E367		CGEG-763	1.54	5300	670	170
E-	Link B /L16	Carbon	CG-H2	1.5	300	520	200
	PM9 /L53	Graphite	CG-53	1.45	95000	476	180
		(CG)					
F-	ASG1	Silver	CGSG-1	4.4	50	475	600
	ASG5	Graphite	CGSG-5	6.80	475	325	1150
	ASG6	(SG)	CGSG-6	3.2	135	392	400
G-	CY10C	Mechanical	CG10C	1.6	13000	750	400
		Carbon					

