



Prime Graphite Pvt. Ltd.

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Grades	G250	G320	G330	G347	G348	G458	G520	G530	G535	G540	FE 250 <small>extruded</small>
Specific Gravity	1.70	1.75	1.79	1.85	1.92	1.86	1.83	1.82	1.82	1.85	1.75
Specific Resistance ($\mu\Omega\text{m}$)	12.0	14.0	13.0	11.0	10.0	9.5	12.0	13.0	17.0	15.0	8.0
Young's Modulus (Gpa)	9.8	9.3	9.8	10.8	12.3	11.3	10.8	11.3	10.8	13.7	- -
Flexural Strength (Mpa)	39.2	32.3	39.2	49.0	63.7	53.9	56.8	61.7	63.7	88.2	24.5
Shore Hardness	46	46	56	58	68	54	62	64	72	78	35
C.T.E. ($\times 10^{-6}/^{\circ}\text{C}$)	4.8	4.3	4.8	5.5	5.5	4.4	5.5	5.5	5.5	5.5	3.3
Thermal Conductivity (W/mK)	108	93	104	116	128	139	116	104	81	93	162