

USG-GLEDCO LIMITED

PRODUCT DATA SHEET

AVERAGE PHYSICAL AND MECHANICAL PROPERTIES

MATERIAL GRADE

G-3077

Composition	Carbon Graphite Antimony impregnated
Apparent Density (gm/cc)	2.15
Hardness (Shore Scleroscope)	95
Compressive Strength (MPa)	290
Tensile Strength (MPa)	66
Flexural Strength (MPa)	87
Modulus of Elasticity (GPa)	27.0
C.T.E. (°C)	4.50 X 10⁻⁶
Thermal Conductivity(W/m⁰K)	12.1
Temperature Limit (°C) Oxidising	371
Porosity	0.50%

Contains metal other than Antimony

The physical characteristics of this material may vary slightly due to part size and configuration; therefore, the above values should be considered as typical.

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