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## PRODUCT DATA SHEET

### AVERAGE PHYSICAL AND MECHANICAL PROPERTIES

MATERIAL GRADE G-3077

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<b>Composition</b>	<b>Carbon Graphite Antimony impregnated</b>
Apparent Density (gm/cc)	2.25
Hardness (Shore Scleroscope)	95
Compressive Strength (MPa)	271
Tensile Strength (MPa)	66
Flexural Strength (MPa)	87
Modulus of Elasticity (GPa)	27.0
C.T.E. (0C)	4.50 X 10 <sup>-6</sup>
Thermal Conductivity(W/m0K)	15.8
Temperature Limit (0C) Oxidising	371
Porosity	0.50%

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THE PHYSICAL CHARACTERISTICS OF THIS MATERIAL VARY SLIGHTLY DUE TO PART SIZE AND CONFIGURATION, THEREFORE THE ABOVE VALUES SHOULD BE CONSIDERED ONLY AS TYPICAL.



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## ANTIMONY IMPREGNATED CARBON GRAPHITE

MATERIAL GRADE G-3077

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<b>PART No</b>	<b>SIZE</b>
USG601	44 X 7 X 80
USG602	42 X 17 X 80
USG603	46 X 20 X 80
USG604	51 X 25 X 80
USG605	57 X 25 X 80
USG606	65 X 30 X 80
USG607	74 X 37 X 80
USG608	80 X 47 X 80
USG609	87 X 50 X 80
USG610	107 X 65 X 80
USG611	119 X 80 X 80
USG612	130 X 90 X 80
USG613	157 X 102 X 80
USG614	207 X 120 X 80
USG615	245 X 143 X 60
USG616	245 X 143 X 40

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OTHER SIZES AND PRICES AVAILABLE ON REQUEST