

**PURE GRAPHITE**

**DATA SHEET**

**RECOMMEND SERVICE :**

- ✚ IT IS PURE AND GOOD AT CORROSION RESISTANT AND HIGH TEMPERATURE RESISTANT
- ✚ IT IS SUITABLE FOR SEALING OF LOW PRESSURE PART OF FACILITIES. IT IS USED TO PREVENT THE GALVANIC CORROSION BETWEEN GRAPHITE AND FLANGE
- ✚ MAX SERVICE TEMPERATURE : 650°C
- ✚ MAX PRESSURE : 100 – 120 BAR
- ✚ STANDARD SIZE : 1 M X 1 M , 1.5 M X 1.5 M
- ✚ THICKNESS : 1 MM, 1.5 MM, 2 MM, AND 3 MM

<b><u>TECHNICAL SPECIFICATION</u></b>		
<b>ITEM</b>	<b>UNIT</b>	<b>FIGURE</b>
PILLING DENSITY	G/CM3	0.002 – 0.005
PRODUCT DENSITY	G/CM3	0.8 – 1.7
CARBON CONTENT	%	> 99
CROZZLE (ASH)	%	< 1
SULPHUR CONTENT	PPM	1000
CHLORINE CONTENT	PPM	50
MELTING POINT	°C	3650



**TECHNICAL SPECIFICATION**

<b>ITEM</b>	<b>UNIT</b>	<b>FIGURE</b>
TENSILE STRENGTH	MPA	8 - 10
COMPRESSIVE STRENGTH	MPA	70- 110
COMPRESSIBILITY	%	15
RESILIENT RATE	%	30
PH RANGE		0 - 14
FRICITION COEFFICIENT	$\mu$	0.149

