

Sr. no.	Description	Quantity (Nos.)
1	Graphite Rod ϕ 65mm, Length 1800mm	50
2	Graphite Rod ϕ 90mm, Length 1800mm	50
3	Graphite Rod ϕ 100mm, Length 1800mm	50
4	Graphite Pipe/ Tube, ID: 51mm, OD: 61mm Length = 500mm, Wall Thickness: 5mm	20

Specifications:

Grade: CS or equivalent

Grain size: 40-45 Micron

Bulk density: 1.75-1.80 gm/cm³

Flexural strength: 40-45 Mpa

Working temperature: 1200^o C (Min.)-3500^oC (Max.)

Compressive strength: 50-60 Mpa

Coefficient of thermal expansion: $2-4 \times 10^{-6}$

Specific resistance: 6-6.5 $\mu\Omega\text{m}$

Helium porosity: 10-15 %

Ash Content: 100-500 PPM

Share Hardness: 40-50