

Stargraf 5000

Stargraf 5000 is a homogenous graphite gasketing material.

Typical properties

Stargraf 5000 (98 % pure)

PROPERTIES	
Melting Point	3650 °C
Tensile Strength	5.5 MN/sq.m. (800 psi)
Ash Content	2 %
Leachable Chloride ion content	50 p.p.m.
Leachable Fluoride ion content	50 p.p.m.
TEMPERATURE RANGE	
Inert or Reducing atmospheres	Cryogenic to 3000 °C
Oxidising atmospheres	Cryogenic to 450 °C

Stargraf 5000i can also be supplied with an inhibitor to increase its oxidation and corrosion resistance.

Chemical stability

The high purity Stargraf 5000 is chemically inert to most medias, allowing for its choice on the most critical of applications. (Please note its limitations on oxidising compounds.)

Nuclear grade

For nuclear applications, Stargraf 5000 is also available in a high purity 99.9 % grade.

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