Technical specification

KLINGERgraphite – laminate
SLS

Description

A laminated expanded graphite material with steel insert. Suitable for most media and gases at lower temperatures, down to - 200°C. Excellent sealing capability even if the flanges are irregular. WRc-approved.

Properties	Unit	Value	Test method
Density	g/cm³	1	
Compressibility	%	40	
Stress relaxation	Mpa	>48	DIN 52913
Maximal operating pressure	bar	130	VBG62
Temperature use	°C min	-200	
	°C max	+550	
Tightness (Fuel A)	ml/h	0.5	ASTM F 37 B
Tightness according to DIN 3535	ml/min	0.6	DIN 3535
Total content of chloride and fluoride	ppm	≤ 200	
Water-soluble share of chloride	ppm	<40	
Purity of graphite	%	98	
Purity of graphite for nuclear application	%	99.8	
Total content of chloride and fluoride	ppm	≤ 100	
Water-soluble share of chloride	ppm	≤ 20	

This specification is given by our best knowledge and might be submitted to changes.

Sundquist Components AB
Phone: +46 40 180075 • Fax: +46 40 294025
info@sundquistcomp.se • www.sundquistcomp.se