

Ceramic Single Partition Ring (Lessing ring)

Chemical analysis

Composition	Value
SiO ₂	>73%
Al ₂ O ₃	17-25%
Fe ₂ O ₃	<1.0%
CaO	<0.5%
MgO	<0.5%
K ₂ O+Na ₂ O	2-4%
Other	<0.1%



Physical Properties

Item	Value
Water absorption	<0.5%
Apparent porosity (%)	<1
Specific gravity	2.3-2.4
Operation temp.(max)	1100 °C
Moh's hardness	>7 scale
Acid resistance	>99.6%

Geometric Characteristic Data

Size mm	Average Thickness mm	Surface area m ² /m ³	Void Section %	Number Per m ²	Approx. Number Per m ³	Bulk Density (Kg/m ³)
100	8-10	80	63	108	1080	860
120	8-11	67	62	75	625	865
150	11-14	53	63	47	310	80
200	17-20	41	71	26	130	675