Techim
15 rue du Général Leclerc, 78000 Versailles, France
Tel. +33 1 39 50 03 57 | commercial@techim.fr | www.techim.fr

RANDOM PACKINGS | CERAMIC

Ceramic single partition rings (Lessing rings)



Ceramic Lessing rings

Ceramic single partition rings (Lessing rings) for column packing.

Water absorption	< 0.5%
Apparent porosity	< 1%
Specific gravity	2.3 to 2.4
Max. operating temperature	1,100 °C
Mohs hardness	> 7
Acid resistance	> 99.6%

Chemical composition

Al_2O_3	SiO_2	Fe_2O_3	CaO	MgO	$K_2O + Na_2O$	Other
17-25%	> 73%	< 1.0%	< 0.5%	< 0.5%	2-4%	< 0.1%

Geometric characteristics

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 to 10	80	63	108	1,080	860
120	8 to 11	67	62	75	625	865
200	17 to 20	41	71	26	130	675