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 Pall rings



Ceramic Pall rings

Ceramic Pall rings for random packing of columns.

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
17-23%	> 70%	< 1.0%	< 1.0%	< 0.5%	< 3.5%	< 1%

Geometric characteristics

Size Ø = H (mm)	Thickness (mm)	Surface area (m^2/m^3)	Free volume (%)	Number per m^3	Bulk density (kg/m^3)
25	3	210	73	53,000	580
35	4	165	76	13,500	560
50	5	130	78	6,300	540
80	8	80	81	1,900	530
100 (1)	10	55	82	1,000	450

(1) Systematic arrangement on pallet.