

# CERAMIC PALL RINGS

## ANNEAUX PALL EN CERAMIQUE

### Chemical Composition

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O + Na <sub>2</sub> O	Other
17-23%	>70%	<1.0%	<1. 0%	<0.5%	<3.5%	<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

Sizes Ø = H (mm)	Thickness (mm)	Surface area (m <sup>2</sup> /m <sup>3</sup> )	Free volume (%)	Number (per/m <sup>3</sup> )	Bulk density (kg/m <sup>3</sup> )
25	3	210	73	53000	580
35	4	165	76	13500	560
50	5	130	78	6300	540
80	8	80	81	1900	530
100 (*)	10	55	82	1000	450

(\*) Systematic Arrangement on Pallet

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