

Techim Ceramic Raschig Rings - CRS 23

Physical properties

Item	Value
Water absorption	<0.5%
Apparent porosity (%)	<1
Specific gravity	2.3 - 2.4
Operation temp.(max)	1000°C
Moh's hardness	>6.5 scale
Acid resistance	>99.6%
Alkali resistance	>85%



Chemical composition

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	K ₂ O + Na ₂ O	Other
17-23%	68-73%	<1.2%	<0.5 %	<0.5%	2-4 %	<2%

Dimension and other physical properties

Sizes (mm)	Thickness (mm)	Surface area (m ² /m ³)	Free volume (%)	Number per m ³	Approx. Bulk density (kg/m ³)	Packing factor m ⁻¹
16x16	2	305	73	192500	650	900
20x20	2-2.5	245	73	109000	640	836
25x25	3	185	75	47700	600	520
38x38	4-5	123	77	13700	560	280
50x50	5-6	92	77	5900	550	214
80x80	8-9	60	77	1400	535	120