

TDS for Ceramic Raschig Ring

Products introduction:

KELLEY Ceramic Raschig Ring with excellent acid resistance and heat resistance. They can resist to corrosion of various inorganic acids, organic acids and organic solvents except hydrofluoric acid, and can be used in high or low temperature conditions. Consequently their application ranges are very wide. Ceramic Intalox Saddle can be used in the drying columns, absorbing columns, cooling towers, scrubbing towers in chemical industry, metallurgy industry, coal gas industry, oxygen producing industry, etc.

Technical data

SiO ₂ + Al ₂ O ₃	>92%	CaO	<1.0%
SiO ₂	>76%	MgO	<0.5%
Al ₂ O ₃	>17%	K ₂ O+Na ₂ O	<3.5%
Fe ₂ O ₃	<1.0%	Other	<1%

Physical & Chemical properties

Water absorption	<0.5%	Moh's hardness	>6.5 scale
Porosity	<1%	Acid resistance	>99.6%
Specific gravity	2.3-2.40 g/cm ³	Alkali resistance	>85%
Max Operation temp	1200°C		

Dimension and Other Physical Properties

Sizes (mm)	Thicknes s (mm)	Surface area (m ² /m ³)	Free volume (%)	Number per m ³	Bulk density (kg/m ³)	Packing factor (m ⁻¹)
25×25	3.0	190	74	52000	700	508

Other size also can be provided by custom made.

