



## CHEMSHUN CERAMICS-- Catalyst Carrier Series

### ◆ Technical data of Inert alumina raschig rings (Al<sub>2</sub>O<sub>3</sub>: 99%)

#### A. Chemical Analysis:

Items	Proportion	Items	Proportion
Al <sub>2</sub> O <sub>3</sub>	>99%	SiO <sub>2</sub>	<0.3%
Fe <sub>2</sub> O <sub>3</sub>	<0.1%	MgO	~0.11%
Na <sub>2</sub> O	<1.0%	CaO	<1.0%

#### B. Physical Analysis:

OD*H*T mm	Hoh's hardness (scale)	Void Volume m <sup>3</sup> /m <sup>3</sup>	Particle density kg/m <sup>3</sup>	Package Density kg/m <sup>3</sup>	Water absorption (%)
20*20*5	>7.5	0.60	>3000	~1700	<1%
20*20*3	>7.5	0.68	>3000	~1200	<1%

Pingxiang Chemshun Ceramics Co.,Ltd

[In English](#)

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Address: Non-metal area of shangliuyuan, Economic developmentzone,  
pingxiang city, Jiangxi province, P.R.China.

Website: [www.chemshun.com](http://www.chemshun.com) [www.chinachemicalpacking.com](http://www.chinachemicalpacking.com)



## CHEMSHUN CERAMICS-- Catalyst Carrier Series

### ◆ Technical data of Inert alumina raschig rings (Al<sub>2</sub>O<sub>3</sub>: 92%)

Chemical characters

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O+Na <sub>2</sub> O
>92%	<7%	<0.5%	<1.0%	<0.5%	~0.1%	<1%

Physical characters:

Index	Value
Water Absorption, %	<1.0
Specific gravity, g/cm <sup>3</sup>	>3
Operation temp, °C	>982
Hardness (Mohs), scale	9

Normal Sizes

Normal size (mm)	Tolerance (mm)	Bulk density (kg/m <sup>3</sup> )
OD*H*T 20*20*3	OD/H: ±1 ; T: ±0.3	1000

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