
[Alumina Support Ball ASB](#)

Alumina Support Ball ASB

Chempack ASB-99 alumina support media is equal to Denstone 99 support media. High alumina content 99+% and maximum 0.2wt% SiO₂ have made our alumina support ball an ideal product for high temperature and steam applications, such as secondary reformers in ammonia processing.

As our alumina support ball features high density, high temperature resistance 1600°C, it is perfect for use as heat retention or equilibration media. In addition, great chemical resistance has resulted in our alumina support ball popular for applications in olefin processes, such as ethylene dryers where there is polymerization problem.

Normal Size: 3mm, 6mm, 9mm, 13mm, 19mm, 25mm, 38mm, 50mm.

Applications

Ammonia production: Max. operating temperature 1250°C, Max. pressure 3500KPa

Methanol and hydrogen production

Alkylation process using hydrogen fluoride at high temperature

Naphtha reforming

Isomerization

Chemical Composition

Al ₂ O ₃	SiO ₂	TiO ₂	Fe ₂ O ₃	CaO	MgO	K ₂ O	N ₂ O
99.36%	0.14%	0.017%	0.05%	0.001%	0.001%	0.04%	0.39%

Physical Properties of Alumina Support Ball

Index	Value	
Water absorption, %	<1.5	
Bulk density, MT/m ³	1.9-2.2	
Specific gravity, g/cm ³	3.4-3.7	
Operation temp.(max), °C	1600	
Moh's hardness, scale	>8	
Apparent porosity, %	<5	
Crushing strength	Kg/particle	KN/particle
1/8"(3mm)	>203	>2
1/4"(6mm)	>459	>4.5
3/8"(9mm)	>530	>5.2
1/2"(13mm)	>877	>8.6
3/4"(19mm)	>1220	>12
1"(25mm)	>1630	>16
1.5"(38mm)	>2340	>23
2"(50mm)	>3460	>34

As an ISO9001 certified alumina support ball manufacturer in China, we are committed to satisfying customers with superior products and services. Through the utilization of qualified raw material, advanced technology, and our extensive experience, we can produce high quality alumina support media for customers worldwide. To make customers feel secure in their purchase, we offer complete services, including consultation, customization services, fast delivery and free samples. As a result, our products are exported to many countries, such as Britain, Germany, Kuwait, Jordan, Korea, New Zealand, Thailand, Indonesia, among others.

If you are interested in our products, please let us know. We look forward to serving you.

FEED BACK FORM

E-mail:

Message:

Product Name:

Your Name:

Company:

FAX / TEL:

MSN/SKYPE

Address: