

## Alumina Carrier Columnar (clover shape)



This series of products with false water alumina gel X- Rhoactivated alumina production fast removal method and continuous carbonization method for the production of components, made of advanced molding technology, high specific surface area, good stability of compressive strength, low abrasion, proper pore structure, low content of impurities, the characteristics of active component impregnation properties good etc.,

and according to user requirements, using different process conditions, catalyst carrier to adjust the production performance of materialized different crystal phases, different diameter, different content of impurities. Widely used in petrochemical, hydrodesulfurization, low temperature shift catalyst carrier.

The main product type and technical indicator:

Product Type	Component	Appearance	Size mm	Bulk Density g/cm <sup>3</sup>	BET m <sup>2</sup> /g	Pore Volume cm <sup>3</sup> /g	Crush strength /Grain	Na <sub>2</sub> O %	Al <sub>2</sub> O <sub>3</sub> %	Water adsorption %
HYZ-001	Al <sub>2</sub> O <sub>3</sub> ·nH <sub>2</sub> O	Column	3 × (4-10)	0.55-0.65	≥ 150	≥ 0.50	≥ 100	≤ 0.10	≥ 94	≥ 70

HYZ - 002	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	clover	$3 \times (4-10)$	0.55- 0.65	$\geq 150$	$\geq 0.50$	$\geq 100$	$\leq 0.10$	$\geq 94$	$\geq 70$
HYZ - 003	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Column	$3 \times (4-10)$	0.5- 0.6	$\geq 220$	$\geq 0.60$	$\geq 90$	$\leq 0.10$	$\geq 94$	$\geq 70$
HYZ - 004	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	clover	$3 \times (4-10)$	0.5- 0.6	$\geq 220$	$\geq 0.60$	$\geq 90$	$\leq 0.10$	$\geq 94$	$\geq 70$
HYZ - 005	Silicon aluminum composite	Column	$3 \times (4-10)$	0.5- 0.6	$\geq 180$	$\geq 0.50$	$\geq 100$	$\leq 0.10$	$\geq 84$	$\geq 65$
HYZ - 006	Silicon aluminum composite	Clover	$3 \times (4-10)$	0.5- 0.6	$\geq 180$	$\geq 0.50$	$\geq 100$	$\leq 0.10$	$\geq 84$	$\geq 65$
HYZ - 007	Titaniumal uminum composite	Column	$3 \times (4-10)$	0.55- 0.65	$\geq 150$	$\geq 0.45$	$\geq 90$	$\leq 0.15$	$\geq 84$	$\geq 72$
HYZ - 008	Titaniumal uminum composite	Column	$3 \times (4-10)$	0.55- 0.65	$\geq 150$	$\geq 0.45$	$\geq 90$	$\leq 0.15$	$\geq 84$	$\geq 72$
HYZ - 009	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Column	$3 \times (4-10)$	0.70- 0.80	$\geq 180$	$\geq 0.40$	$\geq 80$	$\leq 0.10$	$\geq 94$	$\geq 50$
HYZ - 010	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Sphere	$\Phi$ 3-4	$\geq 0.68$	$\geq 170$	$\geq 0.45$	$\geq 70$	$\leq 0.20$	$\geq 94$	$\geq 65$
HYZ - 011	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Sphere	$\Phi$ 5-7	$\geq 0.68$	$\geq 170$	$\geq 0.45$	$\geq 130$	$\leq 0.25$	$\geq 94$	$\geq 50$
HYZ - 012	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Sphere	$\Phi$ 4-6	0.55- 0.60	$\geq 250$	$\geq 0.45$	$\geq 60$	0.1 0- 1.0 0	$\geq 94$	$\geq 60-70$

HYZ - 013	$\text{Al}_2\text{O}_3 \cdot n\text{H}_2\text{O}$	Clover	$\frac{3}{4} - 10$	0.45- 0.60	$\geq 350$	$\geq 0.65$	$\geq 70$	$\leq 0.10$	$\geq 95$	$\geq 80$
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The content of \*Na<sub>2</sub>O according to user needs