

Alumina

АОК-63-22

Alumina pellets of various shapes are available. Applied as adsorbent for drying air, methane (LNG), propane-butane, inert and process gases. Alumina is also applied as catalyst support, guard bed or active bed support.

Specification:

№	Parameter	АОК-63-22 O-2	АОК-63-22K	АОК-63-22C
1.	Shape	Cylinder	Ring	Sphere
2.	Color	White, cream and pink tints allowed		
3.	Size:			
	- Length, mm	30	7.5±2.5	-
	- Outer diameter, mm	5.0±1.0	7.5±1.0	5.0±1.0
	- Inner diameter, mm	-	>2.0	-
4.	Bulk density, g/cm ³	0.65±0.15	0.70±0.15	0.70±0.15
5.	Surface area, m ² /g	>250	>200	>200
6.	Crush strength, MPa	>3.0	>7.0	>5.0
7.	Loss on ignition (200-800°C), %	<5.0	<5.0	<5.0
8.	Moisture capacity, cm ³ /g	0.50±0.15	0.50±0.15	0.50±0.15
9.	Static water vapor adsorption capacity at T=20-250 °C, g of water per 100 g of dryer:			
	at relative humidity 10%	>5	>4	>5
	at relative humidity 60%	>15	>10	>13