

Activated Alumina - gas dryer



Principal application:

- grades A1 and B are used for drying and cleaning gases and liquids
- grades A2, T and Q are used as catalysts carriers

Produced according to TU 2163-015-94262278-2009

Parameters	Standards				
	Grade A1	Grade A2	Grade T	Grade Q	Grade B
Appearance	White, cream or pink cylindrical extrudates		White, cream or pink extrudate in a form of tri-lobe	White, cream or pink extrudate in a form of quadri-lobe	Spherical granules of white, cream or pink color
Bulk density, g/cm ³	0,40 - 0,70	0,40 - 0,70	0,40 - 0,70	0,40 - 0,70	0,70-0,80
Granules size, mm:	1,3±0,8 3,0±1,0 5,0±1,0	1,3±0,8 3,0±1,0 5,0±1,0	1,3±0,8 3,0±1,0 5,0±1,0	1,3±0,8 3,0±1,0 5,0±1,0	1,5 – 3,0 3,0 - 5,0 4,0 – 6,0 6,0 - 8,0 2,8 – 8,0
The size of the granules in length, mm, not more than	18	18	18	18	-
LOI, % not more than	5,0	5,0	5,0	5,0	7,0
Attrition index, %, not less than	65,0	65,0	65,0	65,0	95,0
Dust and fines mass fraction, %, not more than	0,5	0,5	0,5	0,5	0,5
Surface area, m ² /g, not less than	200	200	200	200	200
Total pore volume, cm ³ /g, not less than	0,65	0,65	0,65	0,65	0,50
Static activity on adsorption of water vapor from air at (20-25)°C, g of water per 100 g of desiccant, not less:					
- at relative humidity of 10%	3,0	-	-	-	4,5
- at relative humidity of 60%	9,0	-	-	-	14,0
Sodium mass fraction, %, not more than	-	0,03	0,05	0,05	-
Iron mass fraction, %, not more than	-	0,03	0,05	0,05	-

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