

PORESPHERE® Aktiv-AL

Activated Alumina

Section 1: Information about the supplier/distributor

GIEBEL Desiccants GmbH
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Germany
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Section 2: Name of substance

Chemical Product Name:	Activated Alumina	
Composition:	93% Alumina	Al_2O_3
	0.32% Sodium Oxide	Na_2O
	0.03% iron(III) oxide	Fe_2O_3
	0.02% silicon dioxide	SiO_2
CAS No.:	1344-28-1	
EC No.:	215-691-6	

Section 3: Typical Application

- a) Desiccants/adsorbents for gases and liquids
- b) Catalyst carrier and catalyst
- c) Fluoride and pollutant removal from water

Section 4: Specifications

Appearance and shape:	White Balls
Particle Size:	3.0 – 5.0mm
Bulk density:	0.72 g/ml
Pore volume:	0.45 ml/g
Specific surface area:	324 m ² /g
Compressive strength:	135 N/P
Abrasion rate:	0,08 %
Maximum storage time:	Two years