



# COMPALOX® AN/V

## Aluminum Oxide

### Einsatzbeispiele / Applications

Aktives, körniges Aluminiumoxid für die Reinigung von Prozessflüssigkeiten und Gasen; Adsorptionsmittel zur Reinigung von Wasser, Abwasser und Abluft; zur Anreicherung von Nutz- und Wirkstoffen aus hochverdünnten Systemen; Aluminiummetallurgie.

Granulated activated alumina for the purification of process liquids and gases, drinking and sewage water, exhaust air; concentration and recovery of useful and effective substances from highly diluted systems; aluminum metallurgy.

### Durchschnittsanalyse / Typical analysis

Al <sub>2</sub> O <sub>3</sub>		[%]	≈ 90
Na <sub>2</sub> O total		[%]	≈ 0.25
CaO		[%]	ca. 0.01
Fe <sub>2</sub> O <sub>3</sub>		[%]	ca. 0.02
Glühverlust / Loss on ignition		[%]	≈ 8
Spezifische Oberfläche / Specific Surface Area (BET)	AN/V...	[m <sup>2</sup> /g]	200 - 300
Standardkörnungen / Standardgrains	<b>AN/V-801</b>	[mm]	0.3 – 1.0
	<b>AN/V-802</b>	[mm]	0.3 – 2.0
	<b>AN/V-813</b>	[mm]	1.0 – 3.0
	<b>AN/V-827</b>	[mm]	2.5 – 7.0
Porenvolumen / Pore volume (N <sub>2</sub> -Adsorption)		[cm <sup>3</sup> /g]	≈ 0.35
Schüttdichte / Bulk Density	<b>AN/V-801</b>	[kg/m <sup>3</sup> ]	≈ 900
	<b>AN/V-802</b>	[kg/m <sup>3</sup> ]	≈ 950
	<b>AN/V-813</b>	[kg/m <sup>3</sup> ]	≈ 950
	<b>AN/V-827</b>	[kg/m <sup>3</sup> ]	≈ 950

## Shipping Information

Packaging and minimum order quantity information is available from sales or customer service.

## Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

## Chemical Registration Numbers

Chem. Bezeichnung / Chem. name:	Aluminiumoxid
Formel / formula:	Al <sub>2</sub> O <sub>3</sub>
CAS No.:	1344-28-1
EC/EINECS No.:	215-691-6
UN-Nr.:	---

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