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TECHNICAL DATA SHEET

Procatalyse Catalysts & Adsorbents

ALLUMINA ATTIVATA DIAMETRO 4/8 MM

A.A. 4-8 Grade D

Activated Alumina for Drying and Purification

A **very high attrition resistance** and **crush strength**, combined with **high surface area** and **static adsorption** gives **GRADE D** the specific properties required for the strongest and safest operating conditions in drying.

Specifically oriented in drying as :

Air drying (PSA, TSA)

- Instrument air, supersonic wind tunnel, compressed air

Gas drying

- Air separation plants, inert and rare gases
- Hydrogen, oxygen, nitrogen, CO₂
- Natural gas in production and compression plants, LPG, LNG
- Aromatics, naphta cuts and cracked gas

<input type="checkbox"/> Aspect			
<i>High purity white Alumina beads, smooth aspect</i>			
<input type="checkbox"/> Physical properties (*)			
	Min.	Max.	Units
<i>Diameter</i>	4	8	mm
<i>Smaller than 4 mm</i>		2	wt%
<i>Larger than 8 mm</i>		2	wt%
<i>Loss on ignition (1000 °C-300 °C)</i>		7	wt%
<i>Tapped bulk density</i>	0.74	0.84	kg/l
<i>Surface area</i>	280	380	m ² /g
<i>Particle crush strength</i>	35		daN
<i>Attrition resistance (AIF)</i>	98		wt%
<i>Static adsorption (at 60 % RH)</i>	19	23	wt%
<input type="checkbox"/> Chemical analysis (*)			
<i>Al₂O₃</i>	93.5		wt%
<i>Na₂O</i>		5000	wtppm
Shipping information			
PACKAGING : 217 l. fiber drums (Net 160 kg) or 80 l. (Net 50 kg) or 1500 l. big bags (Net 1000 kg)			

(*) All figures are given within registered analytical methods, available upon request from our Technical Department

A.A. 4-8 Grade D/95.1