



TECHNICAL DATA SHEET

Procatalyse Catalysts & Adsorbents

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			
High purity white Alumina beads, smooth aspect			
<input type="checkbox"/> Physical properties (*)			
	Min.	Max.	Units
Diameter	4	8	mm
Smaller than 4 mm		2	wt%
Larger than 8 mm		2	wt%
Loss on ignition (1000 °C-300 °C)		7	wt%
Tapped bulk density	0.74	0.84	kg/l
Surface area	280	380	m ² /g
Particle crush strength	35		daN
Attrition resistance (AIF)	98		wt%
Static adsorption (at 60 % RH)	19	23	wt%
<input type="checkbox"/> Chemical analysis (*)			
Al ₂ O ₃	93.5		wt%
Na ₂ O		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)	MANUFACTURING :	Salindres plant 30340 SALINDRES (France)

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

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