

Procatalyse Catalysts & Adsorbents

A.A. 2-5 Grade D

Activated Alumina for Drying

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>	2	5	mm
<i>Smaller than 2 mm</i>		2	wt%
<i>Larger than 5 mm</i>		2	wt%
<i>Loss on ignition (1000 °C-300 °C)</i>		7	wt%
<i>Tapped bulk density</i>	0.76	0.85	kg/l
<i>Surface area</i>	300	380	m ² /g
<i>Particle crush strength</i>	14		daN
<i>Attrition resistance (AIF)</i>	99		wt%
<i>Static adsorption (at 60 % RH)</i>	19	24	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)

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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