

UOP™ A-201 ACTIVATED ALUMINA

DESCRIPTION

A-201 is a spherical activated alumina that has high surface area, adsorption capacity, and abrasion resistance.

APPLICATIONS

A-201 activated alumina is used as a desiccant, or drying agent, for industrial liquids and gases, such as air, nitrogen, oxygen, carbon dioxide, and hydrocarbons.

GRADES

1/4" (6.4 mm) (1/4 inch nominal)
3x6 mesh (6.7 mm x 3.3 mm) (3/16 inch nominal)
5x8 mesh (4.0 mm x 2.4 mm) (1/8 inch nominal)
7x12 mesh (2.8 mm x 1.4 mm) (1/16 inch nominal)

TYPICAL CHEMICAL ANALYSIS

Al₂O₃ (wt-%) 93.6
SiO₂ (wt-%) 0.02
Fe₂O₃ (wt-%) 0.02
Na₂O (wt-%) 0.35
Loss on ignition (wt-%) 6.0

TYPICAL PHYSICAL PROPERTIES

5x8 Beads
Surface area (m²/gm) 350
Bulk density (lb/ft³) 46 (737 kg/m³)
Crush strength (lbf) 36 (10.3 kgf) [Crush strength varies with the sphere diameter. The crush strength is for a 5 mesh (4.0 mm) sphere.]
Abrasion loss (wt-%) 0.5

REGENERATION

A-201 activated alumina can be regenerated for re-use by purging or evacuating at elevated temperatures.

SHIPPING INFORMATION

A-201 activated alumina is available in 55-gallon steel drums or quick load bags.

ECP Ltd. www.ecpltd.co.nz