

**Aluminium oxide activated, basic, for column chromatography (activity degree 1)****Identification**

Al₂O₃
M = 101,96 g/mol
CAS [1344-28-1]
EC number: 215-691-6
Taric code: 2818 20 00

Synonyms

Alum earth, Alumina, Gooch crucibles

Applications

in porcelain industry, in building materials, catalyst, synthesis of organic products.

Specifications

grain size: 0,05-0,2 mm
(70-290 mesh ASTM)

pH (10 %, H₂O)..... approx. 10

Physical data

- Appearance: powder, slightly pink
- Bulk density: ~ 90 - 190 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: ~ 1760 °C

Transport/storage

- 10°C - 30°C