

Molecular Sieve 3A

Section 1: Information to the supplier / distributor

GIEBEL FilTec GmbH
Carl-Zeiss-Str. 5
74626 Bretzfeld-Schwabbach
Germany
Phone: +49 7946 944401-0

Section 2: Identification of the substance

Chemical product name: Sodium Alumina silicate
Composition: $\text{Na}_{12} ((\text{AlO}_2)_{12}(\text{SiO}_2)_{12})$
CAS No.: 1318-02-1
EC No.: 215-283-8

Containing -Myrica rubra tannin- binding agent

Section 3: Specifications

Structure: A
Cations: Na^+
Real Pore Size: 0,3 nm
Effective Pore Size: 0,38 nm
Appearance and shape: Beige, solid balls
Particle size: 3,0-5,0 mm
Bulk density: 0,67 kg/l
Pore volume: 0,35-0,70 ml/g
Crushing strength: >70 N
Specific surface: 500-1000 m^2/g
575°C Loss in ignition: <1,5 %
Abrasion rate: <0,25 %
Water adsorption capacity: >210 ml/kg
Regeneration temperature: 300°C