

**Silicon dioxide, highly dispersed****Identification**

SiO₂
M = 60,08 g/mol
CAS [7631-86-9]
EC number: 231-545-4
Taric code: 2811 22 00

Applications

painting, in the coating industry, in the rubber industry, manufacture of adhesives, manufacturing of inks, cosmetics, in food industry.

Specifications

assay (on dried sample).....min. 99,8 %	aluminium (as Al ₂ O ₃) max. 0,05 %
specific surface area (BET)200 ± 25 m ² /g	iron (as Fe ₂ O ₃)max. 0,003 %
HCl content max. 0,025 %	titanium (as TiO ₂) max. 0,03 %
pH (4 %, H ₂ O)..... 3,7 - 4,7	loss on drying (195 °C) max. 1,5 %

Physical data

- Spec. Density: ~ 2,2 g/cm³
- Solub. in water: (20 °C): insoluble
- Melting point: 1726 °C
- pH(40 g/l H₂O suspension, 20 °C) 3,7 - 4,7

Transport/storage

- 10°C - 30°C