

Silica gel 60, for thin layer chromatography**Identification**

SiO₂
M = 60,09 g/mol
CAS [7631-86-9]
EC number: 231-545-4
Taric code: 2811 22 00

Synonyms

Preparative layer chromatography, PLC/PCC

Applications

analytical chemistry, chromatography.

Specifications

grain size 5 - 14 µm
mean pore diameter..... 60 Å

spec. surface..... 500 - 600 m²/g
pH (10 %, H₂O)..... approx. 7
solubility in water..... max. 0,2 %

Physical data

- Appearance: floury powder, white
- Solub. in water: (20 °C): insoluble

Transport/storage

- 15°C - 25°C