



Silica gel Orange-Colorless

Section 1: Information to the supplier/distributor

Giebel FilTec GmbH
Carl-Zeiss-Str. 5
DE-74626 Bretzfeld-Schwabbach
Tel. +49 (0) 7946 944401-0
Fax +49 (0) 7946 944401-29
Email info@giebel-adsorber.de

Section 2: Identification of the Substance

Chemical product name:	Silicon dioxide	
Composition:	≥99% Silicon dioxide	SiO ₂
	1% Iron	Fe
	≤1% Water	H ₂ O
CAS Number:	112926-00-8	
Color change:	Orange -> Colorless	

Section 3: Specifications

Pore Size:	0,2-12,5 nm
Appearance and shape:	Orange, solid balls
Particle size:	2,0-5,0 mm
Bulk density:	0,75-0,85 kg/l
Pore volume:	0,35-0,45 ml/g
Crushing strength:	>200 N
Specific surface:	600-800 m ² /g
Abrasion rate:	<2 %
Water adsorption capacity:	>370 ml/kg