

Silicagel Water-Resistant

Section 1: Information to the supplier / distributor

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Section 2: Identification of the substance

Chemical product name:	Silicon dioxide	
Composition:	~97% Silicon dioxide	SiO ₂
	~3% Aluminum oxide	Al ₂ O ₃
Color change:	None	
CAS No.:	7631-86-9	
EC No.:	231-545-4	
REACH Registration No.:	01-2119379499-16-xxxx	

Section 3: Specifications

Pore Size:	0.2 – 12.5 nm	
Appearance and shape:	White, solid balls	
Particle size:	3.0 – 5.0 mm	
Bulk density:	0.7 kg/l	
Pore volume:	0.45 cm ³ /g	
Crushing strength:	60-100 N (based on part. size)	
Specific surface:	650 m ² /g	
Water adsorption capacity (25°C):	10% R.H	4 wt.%
	80% R.H.	42 wt.%
Regeneration temperature:	140°C	
Attrition Rate	0.05 wt.%	
Liquid water resistant:	Yes	
Maximum storage time:	Two years	