

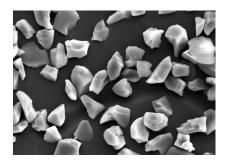
Silica Gel, Enhanced Grade, 60A, 63-200um

Silica quality is achieved using a controlled manufacturing process, from highly pure raw materials to tightly monitored production methods. A large, automated batch scale process (180kg) is used to produce Sorbtech Enhanced Grade, providing high quality reproducible chromatographic separations with uniformity between batches.

The efficiency of liquid chromatography relies on narrow particle size distributions (typically >90% in range), very high mechanical stability, and a high specific surface area to deliver consistent and reliable results. This irregularly shaped porous silica is specifically created to use in liquid chromatography as column packing material for general purification of natural products, food, cosmetics, pharmaceutical, and nutraceutical ingredients.

Reliable silica for your research

Sorbtech Enhanced Grade is a proven, highly successful packing material that provides fast, effective, and reproducible separations. Sorbtech Enhanced Grade is available in multi-ton quantities with a wide variety of package sizes to meet individual applications and economic requirements.



Test Criterion	Unit	Specification
Under size, air jet sieve Alpine 63 µm	% w/w	≤ 5.0
Over size, air jet sieve Alpine 200 µm	% w/w	≤ 5.0
Residual water, 160°C, 15 min	% w/w	2.0 - 4.0
Tapped bulk density ISO 787-11	g/L	460 - 550
Conductivity, ausp. 5% w/w, ISO 787-9	μS/cm	≤ 200
pH-value, suspension 5% w/w, ISO 787-9	рН	6.5 - 7.5
Pore volume, N2 isotherm	mL/g	0.70 - 0.85
Surface specific, N2 isotherm, sBET	m²/g	470 - 530
Pore size calculated, N2 isotherm	Å	52 - 73

Storage Store silicas in original, sealed packaging. Seal tightly after each use.

Packaging Size 500g, 1kg, 2.5kg, 5kg, 25kg, 90kg

CAS-Nr. 7631-86-9

- **EINECS-Nr.** 231-545-4
- REACH-Nr. 01-2119379499-16-0036

Customs Tariff 2811.22

The information contained in this data sheet is believed to be a true and accurate representation of average properties obtained from current production and should not be considered guaranteed specifications. Any recommendations or suggestions are made without warranty or guarantee, since the conditions of use are beyond our control. Nothing contained herein shall be construed to imply permission, inducement, or recommendation to practice any invention or patent owned by others without authorization from the owner of the patent.