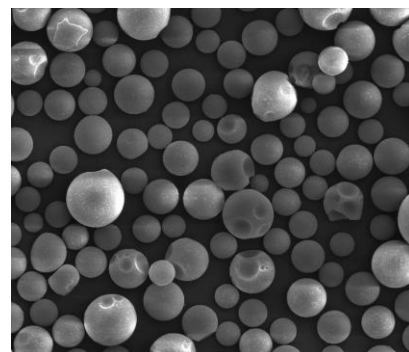


ZEObeads® 50 DIOL / 20-30 µm Technical Data Sheet

ZEObeads® is a proven, highly successful column packing material providing fast, effective and reproducible separations. The amorphous porous Silica Gel as micro beads is used in Flash- and Medium Pressure Chromatography.

ZEObeads® silica grades are available as normal phase bare silica and in various bonding chemistries (C4, C8, C18, NH₂, DIOL, CN, SH).

ZEObeads® silicas are available in different quantities with a wide variety of packing sizes to meet individual applications and economic requirements.



Typical Properties

Pos.	Method	Parameter/con. of meas.	Unit	Specification
010.01	SPZ-403	d(50) laser diffraction Malvern	µm	25.0 ± 2.0
020.01	SPZ-501	w(C), carbon content	% w/w	7.0 – 9.6
030.01	SPZ-012	Pore volume, N ₂ isotherm	ml/g	0.85 ± 0.15
030.02	SPZ-012	Surface specific, N ₂ isotherm, S _{BET}	m ² /g	700 ± 100
030.03	SPZ-012	Pore size calculated, N ₂ isotherm	nm	5.0 ± 2.0

Additional Information

Storage	ZEObeads® silicas can be stored in original, sealed packaging for at least 5 years after date of release. Seal tightly after each use.
Packaging Size	1 kg PE bottle 25 kg Plastic drum
Safety	In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP) and Directive 1999/45/EC, the product does not need to be classified nor labelled.
CAS-Nr.	7631-86-9
EINECS-Nr.	231-545-4
REACH-Nr.	01-2119379499-16-0036
Customs Tariff	2811.22