



ZEOnprep[®]

IRREGULAR SHAPED SILICA GEL FOR CHROMATOGRAPHIC SEPARATIONS

Processing and Purification of

- APIs
- Nutraceuticals
- Food Additives
- Cosmetic Ingredients

Amorphous porous Silica Gel in irregular shape

General Product Overview

		ZEOPrep® bonded								ZEOPrep® unbonded			
PORE SIZE	PARTICLE SIZE	DERIVATIZATION								MOISTURE CONTENT			
		C18	C8	NH2	NH2P	DIOL	SH	CN	SAX	<1%	2-4 %	4-6 %	7 %
ZEOPrep® 60 Å	35 – 70 µm	■	■	■	■	■	■	■	■	■	■	■	■
	40 – 63 µm	■	■	■	■	■	■	■	■	■	■	■	■
	60 – 200 µm	■	■	■	■	■	■	■	■	■	■	■	■
	200 – 500 µm	■	■	■	■	■	■	■	■	■	■	■	■
ZEOPrep® 90 Å	35 – 70 µm	■	■	■	■	■	■	■	■	■	■	■	■
	40 – 63 µm	■	■	■	■	■	■	■	■	■	■	■	■
	60 – 200 µm	■	■	■	■	■	■	■	■	■	■	■	■
	75 – 315 µm	■	■	■	■	■	■	■	■	■	■	■	■
	200 – 500 µm	■	■	■	■	■	■	■	■	■	■	■	■

■ Standard Products

■ Products are available upon request

For ZEOPrep® with other pore sizes (i.e. 40Å, 110Å), particle sizes or derivatization, please contact us.

CAS Number: 7631-86-9

EINECS Number: 231-545-4

REACH Number: 01-2119379499-16-0036

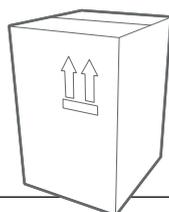
Customs Tariff: 2811.22

Standard Product Range ZEOprep® unbonded

CARTON BOX

PACKAGE

25 kg units
12 units (=300 kg)
on a pallet



ZEOprep® unbonded

PRODUCT	PARTICLE SIZE
ZEOprep® 60 ACT	35 – 70 µm
ZEOprep® 60	35 – 70 µm
ZEOprep® 60 HYD	35 – 70 µm
ZEOprep® 60	40 – 63 µm
ZEOprep® 60 HYD	40 – 63 µm
ZEOprep® 60 ECO	40 – 63 µm
ZEOprep® 60	60 – 200 µm
ZEOprep® 60 HYD	60 – 200 µm
ZEOprep® 60 ECO	60 – 200 µm
ZEOprep® 60	200 – 500 µm
ZEOprep® 90	60 – 200 µm
ZEOprep® 90	200 – 500 µm

PLASTIC DRUM

PACKAGE

25 kg units
12 units (=300 kg)
on a pallet



ZEOprep® unbonded

PRODUCT	PARTICLE SIZE
ZEOprep® 60	35 – 70 µm
ZEOprep® 60	40 – 63 µm
ZEOprep® 60 HYD	40 – 63 µm
ZEOprep® 60 ECO	40 – 63 µm
ZEOprep® 60 ACT	60 – 200 µm
ZEOprep® 60	60 – 200 µm
ZEOprep® 60 HYD	60 – 200 µm
ZEOprep® 60 ECO	60 – 200 µm
ZEOprep® 60	80 – 200 µm
ZEOprep® 60 ACT	200 – 500 µm
ZEOprep® 90	35 – 70 µm
ZEOprep® 90	75 – 315 µm

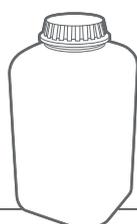
Samples unbonded

Available for evaluation tests

PE BOTTLE

PACKAGE

1 kg units



ZEOprep® unbonded

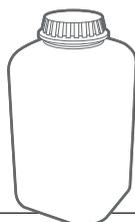
PRODUCT	PARTICLE SIZE
ZEOprep® 60	35 – 70 µm
ZEOprep® 60	40 – 63 µm
ZEOprep® 60 HYD	40 – 63 µm
ZEOprep® 60 ECO	40 – 63 µm
ZEOprep® 60	60 – 200 µm
ZEOprep® 60 HYD	60 – 200 µm
ZEOprep® 60 ECO	60 – 200 µm
ZEOprep® 60	80 – 200 µm
ZEOprep® 60	200 – 500 µm
ZEOprep® 90	200 – 500 µm

Standard Product Range ZEOprep® bonded

PE BOTTLE

PACKAGE

1 kg units



ZEOprep® bonded

PRODUCT PARTICLE SIZE

PRODUCT	PARTICLE SIZE
ZEOprep® 60 C18	40 – 63 µm
ZEOprep® 60 C8	40 – 63 µm
ZEOprep® 60 NH2	40 – 63 µm
ZEOprep® 60 NH2P	40 – 63 µm
ZEOprep® 60 DIOL	40 – 63 µm
ZEOprep® 60 SH	40 – 63 µm
ZEOprep® 60 CN	40 – 63 µm
ZEOprep® 60 SAX	40 – 63 µm
ZEOprep® 90 C18	40 – 63 µm
ZEOprep® 90 C8	40 – 63 µm
ZEOprep® 90 CN	40 – 63 µm
ZEOprep® 90 C18	60 – 200 µm

PLASTIC DRUM

PACKAGE

25 kg units
12 units (=300 kg)
on a pallet



ZEOprep® bonded

PRODUCT PARTICLE SIZE

PRODUCT	PARTICLE SIZE
ZEOprep® 60 C18	40 – 63 µm
ZEOprep® 60 NH2	40 – 63 µm
ZEOprep® 60 NH2P	40 – 63 µm
ZEOprep® 60 SH	40 – 63 µm
ZEOprep® 90 C18	40 – 63 µm

Samples bonded

Available for evaluation tests

PE BOTTLE

PACKAGE

100 g units



ZEOprep® bonded

PRODUCT PARTICLE SIZE

PRODUCT	PARTICLE SIZE
ZEOprep® 60 C18	40 – 63 µm
ZEOprep® 60 C8	40 – 63 µm
ZEOprep® 60 NH2	40 – 63 µm
ZEOprep® 60 NH2P	40 – 63 µm
ZEOprep® 60 DIOL	40 – 63 µm
ZEOprep® 60 SH	40 – 63 µm
ZEOprep® 60 CN	40 – 63 µm
ZEOprep® 60 SAX	40 – 63 µm
ZEOprep® 90 C18	40 – 63 µm
ZEOprep® 90 C8	40 – 63 µm
ZEOprep® 90 NH2	40 – 63 µm
ZEOprep® 90 C18	60 – 200 µm

ZEOprep® High Quality Silica Gel

ZEOprep® is the brand name of a series of irregularly shaped porous silicas, specifically manufactured for use in liquid chromatography.

Manufactured for over 40 years, ZEOprep® irregular silica is one of the most widely used chromatography sorbents worldwide. ZEOprep® silica is produced at Zeochem's ISO-9001 certified facility. Strict QC controls, from raw material to finished product, ensure high lot-to-lot reproducibility and tightly controlled specifications.

Used as industrial column packing material for general purification of natural products, food, cosmetics, as well as in pre-purification of pharmaceutical and nutraceutical ingredients. Bonded phases are preferably used in liquid chromatography, flash chromatography and solid phase extraction.

ZEOprep® silica gels are produced by a large batch scale polycondensation process providing reproducible chromatographic separations of high quality. The efficiency of liquid chromatography relies on narrow particle size distributions, very high mechanical stability and a high specific surface area to deliver consistent and reliable results. We are constantly working on improving this process with one main goal: Absolute uniformity between batches.

About us

Mission

Zeochem AG, a manufacturer of molecular sieves, high quality irregular and spherical silica gels and deuterated compounds, was founded more than 200 years ago. Its headquarters is based in Switzerland. Zeochem is a subsidiary of the Swiss CPH Chemie + Papier Holding AG.

Quality

Our products are analyzed and certified by our state-of-the-art quality control lab. Zeochem AG uses its own test methods and applies proprietary test procedures specific to customer applications to ensure that our products enable the expected performance.

Zeochem AG is ISO 9001:2015 certified.

Environment

Zeochem AG regards the careful use of natural resources and safe production processes, as well as ensuring minimal pollution among its critical goals.

The company is a member of the Swiss Private Sector Energy Agency and is committed to the principles of «Responsible Care».

**We are happy to meet your project requirements.
Please contact Zeochem to outline your needs.**

All information contained in this brochure is given in good faith but without warranty or guarantee of any kind whatever, whether implied or expressed.

ZEOCHEM[®]

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