



Kieselguhr

- Naturally occurring amorphous silicic acids of fossil origin, also known as diatomaceous earth or diatomite purified for chromatographic applications
- Compared to silica, kieselguhr has a small surface of low activity → application in partition chromatography; impregnated with various substances (paraffin, silicone oil, undecane) it can be used for reversed phase chromatography
- The following grades of kieselguhr are manufactured by Johns-Manville. They are narrowly classified with homogeneous particle size distributions and high purity.
- For columns packed with kieselguhr please see CHROMABOND® XTR for liquid-liquid extraction, page 63.

Ordering information

Description	Rel. purification factor	Rel. flow rate	1 kg	5 kg
Filter-Cel®	100	100	815510.1	815510.5
Hyflo® Super-Cel®	58	534	815530.1	815530.5
Celite® 503	42	910	815540.1	815540.5
Celite® 535	35	1269	815550.1	815550.5
Celite® 545	32	1830	815560.1	815560.5

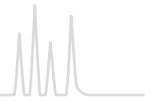
Florisil®

- Hard granular magnesia silica gel:
MgO 15.5 ± 0.5 % · SiO₂ 84.0 ± 0.5 % · Na₂SO₄ ≤ 1.0 %;
60/100 mesh
- Recommended application
Sample preparation (see chapter “Solid phase extraction”, page 16)
- Clean-up of pesticide residues, separation of chlorinated pesticides, extraction of steroids, sex hormones, antibiotics, lipids etc.

Ordering information

Description	Particle size	1 kg	5 kg
Florisil standard 60/100 mesh	0.15/0.25 mm	815710.1	815710.5

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