

Kromasil Chiral

AmyCoat and CelluCoat

High performance super wide pore spherical silica for analytical to process scale liquid chromatography. Kromasil Chiral is manufactured using adsorbed polysaccharide phases for high chiral selectivity.

Product Characteristics

Chiral selector:

CelluCoat:

tris-(3,5-dimethylphenyl) carbamoyl cellulose

AmyCoat:

tris-(3,5-dimethylphenyl) carbamoyl amylose

Particle sizes:

3 µm, 5 µm, 10 µm and 25 µm

Spec surface area:

Proprietary data

Pore size:

Proprietary data

Mechanical stability:

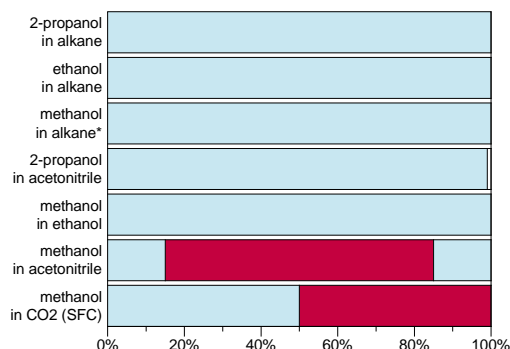
Allows packing at up to 700 bar (10 000 psi)

Packed density:

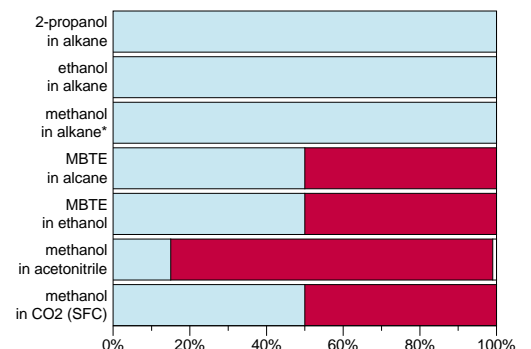
0.58 g/ml

Chemical stability:

Compatible mobile phases for AmyCoat



Compatible mobile phases for CelluCoat



*Due to limited miscibility of methanol in alkanes, ethanol should be added as a mediator when exceeding 5% methanol.

Compatible conditions (light blue) | Further investigations required (contact us) (red)

Delivery

Kromasil bulk is delivered in polyethylene bottles or in polyethylene bags packed in plastic drums.

Kromasil, patented by Akzo Nobel Pulp and Performance Chemicals AB, is manufactured in multi-kilogram batches with high reproducibility.

The development, production and marketing of Kromasil are ISO 9001 certified.