Akzo Nobel Pulp and Performance Chemicals AB
Separation Products

News release

October 9 2016

Kromasil EternityXT family of reversed phase materials

We are pleased to announce that Kromasil EternityXT 10 µm C8 bulk material is now shipping. Kromasil EternityXT 10 µm materials are used in reversed phase chromatography, they are end capped and now delivered in both C18 and C8 derivatizations, providing the flexibility needed for small, medium and large scale preparative chromatography. This family of Kromasil EternityXT stationary phases supports scientists and engineers working in purification under extreme harsh conditions that may be challenging to the mechanical and chemical stability of the stationary phase.

The well regarded EternityXT family of products is based on patented technology where the material can operate under extremely demanding conditions, including extended pH range. In fact, Kromasil EternityXT stationary phases can operate beyond the pH window of Kromasil Classic materials, which is the recognized standard in purification for a variety of applications worldwide including pharmaceutical, peptides and oligonucleotides.

Kromasil EternityXT 10 µm C8 and C18 materials can withstand pH 12 and as many compounds used by the pharmaceutical industry are basic in nature, it is possible to run them under strong basic conditions with EternityXT to increase loading onto the column, thus, to improve productivity and to reduce purification costs.

The exceptional structure of Kromasil EternityXT C18 and C8 materials is such that it is possible to sanitize or regenerate them in-column, carrying out cleaning in place (CIP) even at 1 M NaOH, if so required. Kromasil EternityXT stationary phases are disruptive in the marketplace as 1 M NaOH is thought to be the standard in bio chromatography for treatment of polymer resins and now this barrier has been minimized between polymer and silica based materials.

Kromasil EternityXT products are the result of more than 25 years of stationary phase manufacturing and packing expertise at AkzoNobel, delivering performance products to users in R&D organizations, pilot laboratories and API production facilities.

AkzoNobel
Separation Products
SE-445 80 Bohus
Sweden

T +46 31 58 70 00
F +46 31 58 77 27
www.kromasil.com

Registered office Sweden Registered number 556022-9972