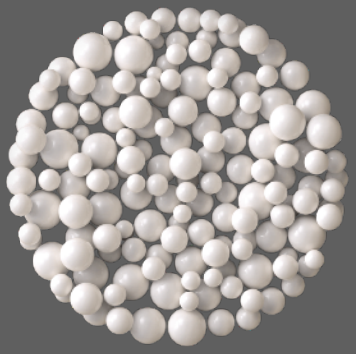
Felite™ Resin FS600-P



Strong Base Anion, Macroporous
Standard Mesh Size
Cl^- form

Potable Water Grade

Felite™ FS600-P is a Macroporous Type I strong base acrylic anion exchange resin. Due to its acrylic polymer backbone and macroporous physical structure, it gives the highest possible capacity for tannins and other naturally occurring organic matter. Tannins and similar naturally occurring organics cause most of the color in potable waters. The acrylic matrix ensures excellent removal of organic matter from a water supply in conjunction with their reversible removal upon regeneration. Its use in combination with a polystyrene based resin can often result in the removal of a wider spectrum of organic compounds than either type of anion resin alone, and is particularly resistant to organic fouling, even where loadings are relatively high.

Principal Applications:

- Organic Scavenger;
- Decolorization;

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Polyacrylic/DVB, Macroporous
Appearance	Spherical Beads
Functional Group	Quaternary Ammonium, Type I
Ionic form, as shipped	Cl^-
Total Capacity (mmol/ml)	0.8 min. (Cl^-)
Moisture Retention	66 - 72%
Particle Size Range (mm)	0.3 - 1.2 (≤0.3mm, 1% max.; >1.2mm, 5% max.)
Uniformity Coefficient (max.)	1.7
Reversible Swelling, $Cl^- \rightarrow OH^-$ (max.)	20%
Shipping Weight (g/L, approx.)	680 - 730 (44 lb/ft³)
Specific Gravity	1.08
Temperature Limit	80°C (176°F)
Stability, pH Range	0 - 14

PACKAGING:

25 Litres / 1 cu.ft PE Bag;
42 Bags Per Pallet;
20 Pallets Per 20ft Container

1 m³ Supersack Per Pallet;
20 Pallets Per 20ft Container

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Felite™ Resin Technology