

Purolite™ Shallow Shell™ SSTC6000E

Polystyrenic Gel, Strong Acid Cation
Resin, Sodium form, Shallow Shell™
Technology*

PRINCIPAL APPLICATIONS

- Softening - Industrial
- Softening - Potable Water
- Food and beverage processing
- Demineralization when regenerated with acids

ADVANTAGES

- SST shorter diffusion path benefits:
- Very low leakage
- Highly resistant to iron fouling
- Lower rinse volumes
- Lower operating costs
- Excellent physical/chemical stability

SYSTEMS

- Coflow regenerated systems
- Potable water treatment

REGULATORY APPROVALS

- Certified by the WQA to NSF/ANSI-61 Standard

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

* SST™ is a registered trademark of Ecolab

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Na ⁺
Dry Weight Capacity (min.)	3.8 eq/kg (Na ⁺ form)
Moisture Retention	40 - 48 % (Na ⁺ form)
Particle Size Range	500 - 1000 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Na ⁺ → H ⁺ (max.)	8 %
Specific Gravity	1.2
Shipping Weight (approx.)	775 - 825 g/L (48.4 - 51.6 lb/ft³)
Temperature Limit	100 °C (212.0 °F)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

www.puoliteresins.com



We're ready to solve your process challenges.

For further information on products and services, visit www.puoliteresins.com or complete a Contact Us form via PuoliteResins.com/contact-us or use the QR code.

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