

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 Purolite Corporation.

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	38 - 46 % (Na ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
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	60 °C (140.0 °F)



Algeria
Australia
Bahrain
Brazil
Canada
China
Czech Republic
France
Germany

India
Indonesia
Israel
Italy
Japan
Jordan
Kazakhstan
Korea
Malaysia

Mexico
Morocco
New Zealand
Poland
Romania
Russia
Singapore
Slovak Republic
South Africa

Spain
Taiwan
Tunisia
Turkey
UK
Ukraine
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FOR MORE INFORMATION CONTACT:

APPLIED PROCESS EQUIPMENT

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