

PRODUCT DATA SHEET

Shallow Shell™ SSTPPC6000E

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



PRINCIPAL APPLICATIONS

- Softening - Potable Water

ADVANTAGES

- Highest regeneration efficiency
- Highest salt efficiency
- Lower rinse volumes
- Excellent physical and chemical stability
- Highly effective iron removal

SYSTEMS

- Packed Bed Systems
- Coflow regenerated systems
- Potable water treatment

REGULATORY APPROVALS

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

TYPICAL PACKAGING

- 1 ft³ Sack
- 5 ft³ Sack
- 5 ft³ Drum

* 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	36 - 46 % (Na ⁺ form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.25
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Specific Gravity	1.2
Shipping Weight (approx.)	775 - 825 g/L (48.4 - 51.6 lb/ft³)
Temperature Limit	60 °C (140.0 °F)



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