

## PRODUCT DATA SHEET

# Shallow Shell™ SSTPPC6000EH

Polystyrenic Gel, Strong Acid Cation Resin, Hydrogen form, Shallow Shell™ Technology\*, Puropack Grade

## PRINCIPAL APPLICATIONS

- Demineralization - Potable Water
- Demineralization – Food and Beverage

## ADVANTAGES

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

## SYSTEMS

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

## 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	H <sup>+</sup>
Dry Weight Capacity (min.)	4.0 eq/kg (H <sup>+</sup> form)
Moisture Retention	44 - 51 % (H <sup>+</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.25
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (max.)	8 %
Specific Gravity	1.18
Shipping Weight (approx.)	760 - 800 g/L (47.5 - 50.0 lb/ft³)
Temperature Limit	60 °C (140.0 °F)



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