

## PRODUCT DATA SHEET

# Shallow Shell™ SSTPPC65

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

**LENNTECH**  
WATER TREATMENT SOLUTIONS

### PRINCIPAL APPLICATIONS

- Cyclic Ion Exchange (CIX-RO™)  
Softening

### 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

### 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 <sup>+</sup> form
Dry Weight Capacity (min.)	3.7 eq/kg (Na <sup>+</sup> form)
Moisture Retention	37 - 47 % (Na <sup>+</sup> form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.25
Reversible Swelling, Na <sup>+</sup> → H <sup>+</sup> (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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