PRODUCT DATA SHEET

Shallow Shell™ SSTPPC65

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

PRINCIPAL APPLICATIONS

- Cyclic Ion Exchange (CIX-RO™) Softening

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 and 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	Na^+ form
Dry Weight Capacity (min.)	3.7 eq/kg (Na^+ form)
Moisture Retention	37 - 47 % (Na^+ form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.25
Reversible Swelling, $Na^+ \rightarrow H^+$ (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)

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