

Shallow Shell™ SSTPPC60

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

PRINCIPAL APPLICATIONS

- Softening - Industrial

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

TYPICAL PACKAGING

- 1 CF Sack
- 5 CF Sack
- 5 CF 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
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.1
Reversible Swelling, Na ⁺ → H ⁺ (max.)	6 %
Reversible Swelling, H ⁺ → Ca ²⁺ (max.)	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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