

Shallow Shell™ SSTPPA63

Polystyrenic Gel, Type II Strong
Base Anion Resin, Chloride form,

Shallow Shell™ Technology*,
Puropack Grade

PRINCIPAL APPLICATIONS

- Demineralization
- Silica Removal

ADVANTAGES

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

SYSTEMS

- Packed Bed Systems
- Coflow regenerated systems

REGULATORY APPROVALS

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

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

* SST® is a registered trademark of Purolite Corporation.

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type II Quaternary Ammonium
Ionic Form	Cl ⁻ form
Dry Weight Capacity (min.)	2.6 eq/kg (Cl ⁻ form)
Moisture Retention	37 - 45 % (Cl ⁻ form)
Mean Diameter	650 ± 50 µm
Uniformity Coefficient (max.)	1.3
Reversible Swelling, Cl ⁻ → OH ⁻ (max.)	10 %
Specific Gravity	1.12
Shipping Weight (approx.)	680 - 720 g/L (42.5 - 45.0 lb/ft³)
Temperature Limit	35 °C (95.0 °F)



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