

PRODUCT DATA SHEET

Shallow Shell™ SSTPPC60

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

LENNTECH
WATER TREATMENT SOLUTIONS

PRINCIPAL APPLICATIONS

- Softening - Industrial

ADVANTAGES

- Highest regeneration efficiency
- Highest salt efficiency
- Lower rinse volumes
- Excellent physical and chemical stability
- Highly effective iron removal

* SST® is a registered trademark of Purolite Corporation.

SYSTEMS

- Packed Bed Systems
- Coflow regenerated systems

TYPICAL PACKAGING

- 1 ft³ Sack
- 5 ft³ Sack
- 5 ft³ Drum

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.)	3.8 eq/kg (Na ⁺ form)
Moisture Retention	36 - 46 % (Na ⁺ form)
Mean Diameter	650 ± 50 µm
< 300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.25
Reversible Swelling, Na ⁺ → H ⁺ (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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