

# Purolite™ Shallow Shell™ SSTPFA63

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

Shallow Shell™ Technology\*,  
Uniform Particle Size

## 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 and chemical stability

## SYSTEMS

- Coflow regenerated systems
- Counterflow 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 Ecolab

## TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Type II Quaternary Ammonium
Ionic Form	Cl <sup>-</sup> form
Dry Weight Capacity (min.)	2.6 eq/kg (Cl <sup>-</sup> form)
Moisture Retention	37 - 45 % (Cl <sup>-</sup> form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient (max.)	1.1 - 1.2
Reversible Swelling, Cl <sup>-</sup> → OH <sup>-</sup> (max.)	15 %
Specific Gravity	1.12
Shipping Weight (approx.)	670 - 710 g/L (41.9 - 44.4 lb/ft³)
Temperature Limit	35 °C (95.0 °F)

Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

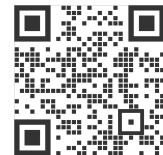
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