



Shallow Shell™ SSTC60

Gel Strong Acid Cation Resin - Sodium Form, Shallow Shell™ Technology

Principal Applications

- Industrial softening
- Industrial demineralization when regenerated with acids

Advantages

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

Additional Information

- SST® is a registered trademark of Purolite Corporation.
- Available in H+ form

Typical Physical and Chemical Characteristics

Application	Softening
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulfonic Acid
Ionic Form as Shipped	Na+
Total Capacity (min.)	3.8 eq/kg (Na+ form)
Moisture Retention	36 - 46 % (Na+ form)
Particle Size Range	300 - 1200 µm
<300 µm (max.)	1 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na+ → H+ (max.)	6 %
Shipping Weight (approx.)	775 - 825 g/l (48.4 - 51.6 lb/ft3)
Temperature Limit	60°C (140°F)



Purolite®

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