

Canature® 001x8 Na FG

PRODUCT DATA SHEET

Gel Strong Acid Cation Resin - Sodium Form

Principal Applications

- Domestic water softening
- Food and beverage processing
- Industrial softening

Advantages

- Efficient regeneration
- Good kinetic performance
- Low extractables

Typical Physical and Chemical Characteristics

Application	Softening - Domestic/Industrial/Food grade
Polymer Matrix Structure	Crosslinked Polystyrene Divinylbenzene
Appearance	Brown yellow to brown grey color beads
Functional Group	Sulfonic acid (R-SO ₃ ⁻)
Ionic Form as Shipped	Na ⁺
Total Capacity, Na ⁺ form, wet, volumetric	≥2.0 eq/l min (Na ⁺ form)
Moisture Retention	≥45 - 50 % (Na ⁺ form)
Particle Size Range	400-800 μm
Service Flow Rate	15-30 m/h
Uniformity Coefficient (max.)	1.7
Reversible Swelling Ca ²⁺ → Na ⁺	8 %
Reversible Swelling, Na ⁺ → H ⁺ (max.)	9 %
Specific Gravity	1.27
Shipping Weight (approx.)	800g/l (50lb/ft3)
Temperature Limit	120°C (248°F) max.