

Super Gel Type Strong Acid Cation Exchange Resin

Purolite SGC650Na is a specially produced, premium narrow size grading, super gel strong acid cation exchange resin. It has a high useable capacity combined with good mechanical strength and chemical stability.

Basic Features:

Application	Sodium Form of SGC650 for Condensate Polishing - Fast Kinetics
Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic acid
Ionic form as shipped	Na ⁺

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	Na ⁺	2.20 eq/l
Total Capacity (min.)	Na ⁺	48.03 kGr/ft ³
Moisture Retention	Na ⁺	40-43 %
Mean Size Typical		0.60-0.70 mm
Uniformity Coefficient (max.)		1.20
Reversible Swelling (max.)	Na ⁺ → H ⁺	8 %
Specific Gravity		1.30 g/ml
Shipping Weight (approx.)		800-830 g/l
Shipping Weight (approx.)		50-51.9 lbs/ft ³
Temp Limit	H ⁺	120 °C
Temp Limit	H ⁺	250 °F
Temp Limit	Na ⁺	140 °C
Temp Limit	Na ⁺	285 °F
pH Limits		0-14

LENNTECH

info@lennotech.com
 www.lennotech.com
 Tel. +31-15-261.09.00
 Fax. +31-15-261.62.89