

Gel Type Strong Acid Cation Exchange Resin

Basic Features:

Application	Deminerlization of Potable Water
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 ⁺	1.90 eq/l
Total Capacity (min.)	Na ⁺	41.48 kGr/ft ³
Moisture Retention	Na ⁺	46-50 %
Mean Size Typical		0.65-0.90 mm
Uniformity Coefficient (max.)		1.70
Reversible Swelling (max.)	Na ⁺ → H ⁺	10 %
Reversible Swelling (max.)	Ca ₂ ⁺ → Na ⁺	8 %
Specific Gravity		1.27 g/ml
Shipping Weight (approx.)		800-840 g/l
Shipping Weight (approx.)		50-52.5 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

USA
Telephone: (1) 610-668-9090
Fax: (1) 610-668-8139
Email: info@puroliteusa.com

Europe
Telephone: +44 1443 229334
Fax: +44 1443 227073
Email: sales@purolite.com

Asia Pacific
Telephone: +86 571 876 31385
Fax: +86 571 876 31385
Email: pultalan@purolitechina.com