

Purolite® PCR631Ca

Polystyrenic Gel, Strong Acid Cation
Resin, Calcium form,
Chromatographic Grade

PRINCIPAL APPLICATIONS

- Chromatography - Sugar
- Fructose enrichment

TYPICAL PACKAGING

- 1 m³ Supersack
- 42 ft³ Supersack
- Bulk Tanker (NA only)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	Ca ⁺⁺
Total Capacity	1.6 eq/L (35.0 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	52 - 55 % (Na ⁺ form)
Mean Diameter	225 ± 15 µm
Uniformity Coefficient (max.)	1.2
Conversion (min.)	98 %
Specific Gravity	1.23
Shipping Weight (approx.)	755 - 780 g/L (47.2 - 48.8 lb/ft ³)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)
Moisture Retention	55 - 62 % (H ⁺ form)



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