

Purolite® PCR855Ca

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

PRINCIPAL APPLICATIONS

- Chromatography - Sugar

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	2.05 eq/L (44.8 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	42 - 46 % (Na ⁺ form)
Moisture Retention	48 - 53 % (H ⁺ form)
Mean Diameter	220 ± 10 µm
Uniformity Coefficient (max.)	1.1
Conversion (min.)	98 %
Specific Gravity	1.28
Shipping Weight (approx.)	810 - 840 g/L (50.6 - 52.5 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)



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