

PRODUCT DATA SHEET

Purolite® PCR642Ca

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

PRINCIPAL APPLICATIONS

- Chromatography - Sugar
- Chromatography - Corn Sweetener
- Fructose enrichment
- Chromatography - Wheat Sweetener

REGULATORY APPROVALS

- Kosher Certified

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 - 56 % (Na ⁺ form)
Moisture Retention	59 - 62 % (H ⁺ form)
Mean Diameter	315 ± 20 µm
Uniformity Coefficient (max.)	1.2
Conversion (min.)	99 %
Specific Gravity	1.24
Shipping Weight (approx.)	730 - 790 g/L (45.6 - 49.4 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)



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