

PRODUCT DATA SHEET

Purolite® PCR641Ca

Polystyrenic Gel, Strong Acid Cation
Resin, Calcium form, Uniform
Particle Size, Sugar
Chromatographic Grade

PRINCIPAL APPLICATIONS

- Chromatography - Sugar
- Fructose enrichment
- Dextrose Enrichment
- Molasses Desugarization

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	1.5 eq/L (32.8 Kgr/ft ³) (H ⁺ form)
Moisture Retention	60 - 63 % (H ⁺ form)
Mean Diameter	310 ± 10 µm
CV (Coefficient of Variation) (max.)	10
Conversion (min.)	98 %
Specific Gravity	1.24
Shipping Weight (approx.)	750 - 790 g/L (46.9 - 49.4 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)



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