

# Purolite® PCR732Ca

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

## PRINCIPAL APPLICATIONS

- Chromatography - Sugar
- Fructose enrichment

## TYPICAL PACKAGING

- 1 m<sup>3</sup> Supersack
- 42 ft<sup>3</sup> 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 <sup>++</sup>
Total Capacity	1.8 eq/L (39.3 Kgr/ft <sup>3</sup> ) (Na <sup>+</sup> form)
Moisture Retention	50 - 52 % (Na <sup>+</sup> form)
Moisture Retention	53 - 57 % (H <sup>+</sup> form)
Mean Diameter	230 ± 20 µm
Uniformity Coefficient (max.)	1.2
Conversion (min.)	98 %
Specific Gravity	1.24
Shipping Weight (approx.)	770 - 795 g/L (48.1 - 49.7 lb/ft <sup>3</sup> )
Temperature Limit	120 °C (248.0 °F) (H <sup>+</sup> form)
Temperature Limit	140 °C (284.0 °F) (Na <sup>+</sup> form)



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