

Purolite® PCR833H

Polystyrenic Gel, Strong Acid Cation
Resin, Hydrogen 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	H ⁺ form
Total Capacity	2.0 eq/L (43.7 Kgr/ft ³) (Na ⁺ form)
Moisture Retention	44 - 48 % (Na ⁺ form)
Moisture Retention	51 - 55 % (H ⁺ form)
Mean Diameter	250 ± 25 µm
Uniformity Coefficient (max.)	1.4
Conversion (min.)	99 %
Specific Gravity	1.20
Shipping Weight (approx.)	730 - 755 g/L (45.6 - 47.2 lb/ft ³)
Temperature Limit	120 °C (248.0 °F) (H ⁺ form)
Temperature Limit	140 °C (284.0 °F) (Na ⁺ form)



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