

Purolite® CT151

Polystyrenic Macroporous Strong
Acid Cation Resin Hydrogen form,
Catalyst

PRINCIPAL APPLICATIONS

- Etherification
- Aromatic Alkylation
- Phenol Purification

TYPICAL PACKAGING

- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H ⁺ form
Dry Weight Capacity (min.)	5.1 eq/kg (H ⁺ form)
Moisture Retention	54 - 59 % (H ⁺ form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.7
Surface Area	15 - 25 m ² /g
Pore Volume	0.15 - 0.3 mL/g
Median Pore Diameter	250 - 400 Å
Specific Gravity	1.18
Shipping Weight (approx.)	740 - 775 g/L (46.2 - 48.4 lb/ft ³)
Temperature Limit	150 °C (302.0 °F)



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