

Purolite® CT151DR

Polystyrenic Macroporous, Strong
Acid Cation Resin, Hydrogen form,
Catalyst, Dry

PRINCIPAL APPLICATIONS

- Etherification
- Aromatic Alkylation
- Phenol Purification
- Catalysis

TYPICAL PACKAGING

- 5 ft³ Drum (Fiber)

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
Moisture Retention	54 - 59 % (H ⁺ form)
Residual Moisture (max.)	3 %
Particle Size Range (wet)	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 - 450 Å
Specific Gravity	1.18
Temperature Limit	180 °C (356.0 °F)



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