

PRODUCT DATA SHEET

Purolite® C100HIND(SPL)

Polystyrenic Gel, Strong Acid Cation
Resin, Hydrogen form, With Indicator

PRINCIPAL APPLICATIONS

- Cation Conductivity Monitoring
- Fossil Fuel
- Indicator Resin

ADVANTAGES

- Color Change Deep Purple to Amber

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H ⁺ form
Total Capacity (min.)	1.8 eq/L (39.3 Kgr/ft ³) (H ⁺ form)
Moisture Retention	50 - 55 % (H ⁺ form)
Particle Size Range	300 - 1200 µm
< 300 µm (max.)	0.2 %
Uniformity Coefficient (max.)	1.7
Reversible Swelling, Na ⁺ → H ⁺ (max.)	9 %
Specific Gravity	1.2
Shipping Weight (approx.)	755 - 790 g/L (47.2 - 49.4 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (H ⁺ form)



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Americas

Purolite Corporation
2201 Renaissance Blvd.
King of Prussia, PA 19406
T +1 800 343 1500
T +1 610 668 9090
F +1 800 260 1065
americas@purolite.com

EMEA

Purolite Ltd.
Unit D
Llantrisant Business Park
Llantrisant, Wales, UK
CF72 8LF
T +44 1443 229334
F +44 1443 227073
emea@purolite.com

FSU

Purolite Ltd.
Office 6-1
36 Lyusinovskaya Str.
Moscow, Russia
115093
T +7 495 363 5056
F +7 495 564 8121
fsu@purolite.com

Asia Pacific

Purolite China Co. Ltd.
Room 707, C Section
Huanglong Century Plaza
No.3 Hangda Road
Hangzhou, Zhejiang, China 310007
T +86 571 876 31382
F +86 571 876 31385
asiapacific@purolite.com

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