

PRODUCT DATA SHEET

Purolite® NRW2400

Polystyrenic Gel, Strong Acid Cation
Resin, Hydrogen form, Nuclear Grade

PRINCIPAL APPLICATIONS

- Decontamination - Radioactive circuits

ADVANTAGES

- High operating capacity

SYSTEMS

- Radioactive Circuits

TYPICAL PACKAGING

- 1 CF Box
- 5 ft³ Drum (Fiber)

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Gel polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Sulfonic Acid
Ionic Form	H ⁺ form
Total Capacity	2.5 eq/L (54.6 Kgr/ft³) (H ⁺ form)
Moisture Retention	32 - 38 % (H ⁺ form)
Particle Size Range	425 - 1200 µm
< 425 µm (max.)	2 %
Uniformity Coefficient (max.)	1.7
Conversion (min.)	99.9 % (H ⁺ form)
Impurities Iron (max.)	50 ppm
Impurities Sodium (max.)	40 ppm
Impurities Heavy Metals (max.)	40 ppm
Specific Gravity	1.23
Shipping Weight (approx.)	780 - 820 g/L (48.8 - 51.2 lb/ft³)
Temperature Limit	120 °C (248.0 °F)



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