TECHNISCHES DATENBLATT

Purolite™ CriticalResin™ NRW100QR

Polystyrol Gel, Stark saurer Kationenaustauscher, Wasserstoff Form, mit Indikator, Qualität für Kernkraftanwendungen

EINSATZGEBIETE

- Überwachung der Kationenleitfähigkeit

VORTEILE

- Color change from amber to dark red when in exhausted form.

TYPISCHE VERPACKUNGEN

- 1 CF Karton
- 5 CF Papptrommel

TYPISCHE PHYSIKALISCHE & CHEMISCHE EIGENSCHAFTEN:

Polymerstruktur	Gel Polystyrol quervernetzt mit Divinylbenzol
Aussehen	Spherische Kugeln
Funktionelle Gruppe	Sulfonsäure
Ionische Form	H^+
Totalkapazität (min.)	1.7 eq/L (37.1 Kgr/ft³) (H^+)
Wassergehalt	53 - 57 % (H^+)
Partikelgrößen Bereich	300 - 1200 µm
< 300 µm (max.)	1 %
Uniformitätskoeffizient (max)	1.7
Umsetzung (min)	99.9 % (H^+)
reversible Volumenänderung, $Na^+ \rightarrow H^+$ (max.)	8 %
Verunreinigungen Eisen (max.)	50 ppm
Verunreinigungen Natrium (max.)	40 ppm
Verunreinigungen Schwermetalle (max.)	40 ppm
Spezifische Dichte	1.20
Schüttgewicht (ca.)	755 - 790 g/l (47.2 - 49.4 lb/ft³)
Temperaturlimit	120 °C (248.0 °F)

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Ecolab is a global developer, manufacturer, and supplier of Purolite™ Resins including ion exchange, catalyst adsorbent and advanced polymers that make the world cleaner and healthier.

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