

Purolite™ CriticalResin™ NRW400

Polistirenica Gel, Resina anionica
forte di Tipo I, Forma idrossido,
Grado nucleare

PRINCIPALI APPLICAZIONI

- Purificazione dello spurgo del generatore di vapore
- CVCS deborazione del refrigerante primario
- Decontaminazione degli effluenti radioattivi
- Componente anionica per letto misto

VANTAGGI

- Altamente convertita in forma idrossido
- Minimi cloruri e solfati residui
- Minimi residui di metalli
- Bassi materiali organici estraibili e lavabili
- Efficiente rigenerazione

SISTEMI

- Demineralizzatori per l'acqua di make-up
- Refrigerante primario
- Scarichi radioattivi

IMBALLI TIPICI

- Scatola da 1 CF
- Fusto da 5 CF (in fibra)

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Struttura del Polimero	Polistirene gelulare reticolato con divinilbenzene
Aspetto	Perle sferiche
Gruppo Funzionale	Ammonio quaternario di tipo I
Forma Ionica	forma OH-
Capacità totale (min.)	1 eq/L (21.8 Kgr/ft³) (forma OH-)
Umidità	48 - 54 % (forma Cl ⁻)
Distribuzione granulometrica	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente di uniformità (max.)	1.7
Conversione (min.)	95 % (forma OH-)
Impurezze di Ferro (max.)	50 ppm
Impurezze di Sodio (max.)	20 ppm
Impurezze di Metalli Pesanti (max.)	30 ppm
Forma anionica, CO ₃ ²⁻ (max.)	5 %
Forma anionica, SO ₄ ²⁻ (max.)	0.1 %
Forma anionica, Cl ⁻ (max.)	0.1 %
Densità	1.07
Peso di spedizione (approx.)	655 - 690 g/L (40.9 - 43.1 lb/ft³)
Limite di temperatura, letto non rigenerabile	100 °C (212.0 °F) (forma OH-)



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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