

Purolite® NRW5010

Polistirenica Macroporosa, Resina anionica forte di Tipo I, Forma idrossido, Alta porosità, Grado nucleare

PRINCIPALI APPLICAZIONI

- Sovrastrato anionico
- Rimozione di colloidii molto fini
- Polishing refrigerante primario
- Decontaminazione degli effluenti radioattivi

VANTAGGI

- Altamente convertita in forma idrossido
- Minimi cloruri e solfati residui
- Minimi residui di metalli

SISTEMI

- 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 macroporoso reticolato con divinilbenzene
Aspetto	Perle sferiche
Gruppo Funzionale	Ammonio quaternario di tipo I
Forma Ionica	forma OH-
Capacità totale (min.)	0.4 eq/L (8.7 Kgr/ft³) (forma OH-)
Umidità	70 - 75 % (forma Cl ⁻)
Distribuzione granulometrica	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente di uniformità (max.)	1.8
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.)	0.3 %
Forma anionica, Cl ⁻ (max.)	0.1 %
Peso di spedizione (approx.)	590 - 630 g/L (36.9 - 39.4 lb/ft³)
Limite di temperatura, letto non rigenerabile	100 °C (212.0 °F) (forma OH-)
Limite di temperatura, letto rigenerabile	60 °C (140.0 °F) (forma OH-)



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