SCHEDA TECNICA

Purolite™ CriticalResin™ NRW3562

Polistirenica Macroporosa, Gel, Resina a letto misto, Forma idrogeno, Forma idrossido, Alta % di cationica, Grado nucleare

PRINCIPALI APPLICAZIONI

- Clean up degli effluenti radioattivi
- Demineralizzazione - Spurgo del generatore di vapore

IMBALLI TIPICI

- Scatola da 1 CF
- Fusto da 5 CF (in fibra)
- Sacco da 25 litri sigillato

CARATTERISTICHE CHIMICHE E FISICHE TIPICHE:

Aspetto	Perle sferiche	
Distribuzione granulometrica	425 - 1200 µm	
< 425 µm (max.)	2 %	
Coefficiente di uniformità (max.)	1.7	
Impurezze di Ferro (max.)	50 ppm	
Impurezze di Sodio (max.)	40 ppm	
Impurezze di Metalli Pesanti (max.)	40 ppm	
Forma anionica, CO_3^{2-} (max.)	5 %	
Forma anionica, SO_4^{2-} (max.)	0.1 %	
Forma anionica, Cl^- (max.)	0.1 %	
Peso di spedizione (approx.)	735 - 770 g/L (45.9 - 48.1 lb/ft³)	
Limite di temperatura, letto non rigenerabile	100 °C (212.0 °F)	
Limite di temperatura, letto rigenerabile	60 °C (140.0 °F)	
Nome del Componente	Cationica forte macroporosa	Anionica forte gelulare
Struttura del polimero	Polistirene macroporoso reticolato con divinilbenzene	Polistirene gelulare reticolato con divinilbenzene
Gruppo funzionale	Acido solfonico	Ammonio quaternario di tipo I
Forma ionica	forma H^+	forma OH^-
Rapporto Volumetrico Cationica/Anionica	2	1
Capacità totale (min.)	2.1 eq/L (forma H^+)	1.1 eq/L (forma OH-)
Conversione (min.)	99.9 % (forma H^+)	95 % (forma OH-)

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Densità	1.21	1.08

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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