HOJA TÉCNICA

Purolite™ CriticalResin™ NRW3560Li7

Poliestireno Macroporoso, Gel, Resina mixta, Forma de litio 7, Forma hidróxido, Grado nuclear

PRINCIPALES APLICACIONES

- control del pH del líquido refrigerante primario

SISTEMAS

- Refrigeración primaria

ENVASE TÍPICO

- Caja de 1 pie³
- Tambor (fibra) de 5 pie³

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Aspecto	Esferas	
Rango de tamaño de esferas	425 - 1200 µm	
< 425 µm (max.)	2 %	
Coeficiente de uniformidad (max.)	1.7	
Impurezas de Hierro (máximo)	50 ppm	
Impurezas de sódio (máximo)	30 ppm	
Metales pesados como impurezas (máximo)	40 ppm	
Forma aniónica, CO_3^{2-} (máx.)	5 %	
Forma aniónica, SO_4^{2-} (máx.)	0.1 %	
Forma aniónica, Cl^- (max.)	0.1 %	
Peso de envío (aprox.)	720 - 750 g/L (45.0 - 46.9 lb/pie³)	
Límite de temperatura, lecho no Regenerable	100 °C (212.0 °F)	
Límite de temperatura, lecho Regenerable	60 °C (140.0 °F)	
Nombre del componente	Catiónica fuertemente macroporosa tipo Gel, forma Litio7	Aniónica fuertemente básica tipo gel
Estructura del polímero	Poliestireno macroporoso Reticulado con divinilbenceno	Gel reticulado poliestireno con divinilbenceno
Grupo funcional	ácido sulfónico	Amonio cuaternario de tipo I
Forma iónica	$^7Li^+$ forma	OH^- forma
Catión / anión relación quimica equivalente	1	1
Capacidad total (min.)	2.1 EQ/L ($^7Li^+$ forma)	1.1 EQ/L (OH- forma)

Conversión (min.)	99.9 % ($^{7}Li^{+}$ forma)	95 % (OH- forma)
Densidad específica	1.24	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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