HOJA TÉCNICA

Purolite™ CriticalResin™ NRW160

Poliestireno Macroporoso, Resina Catiónica Fuertamente ácida, Forma de hidrógeno, Grado nuclear

PRINCIPALES APLICACIONES

- Selectivo para cobalto
- Selectivo al cesio
- Eliminación del isótopo radioactivo

ENVASE TÍPICO

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

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Poliestireno macroporoso Reticulado con divinilbenceno
Aspecto	Esferas
Grupo funcional	ácido sulfónico
Forma iónica	forma H^+
Capacidad total (min.)	2.1 EQ/L (45.9 Kgr/pie³) (forma H^+)
Retención de la humedad	43 - 48 % (forma H^+)
Rango de tamaño de esferas	425 - 1200 µm
< 425 µm (max.)	2 %
Coeficiente de uniformidad (max.)	1.7
Conversión (min.)	99.9 % (forma H^+)
Impurezas de Hierro (máximo)	50 ppm
Impurezas de sódio (máximo)	40 ppm
Metales pesados como impurezas (máximo)	40 ppm
Densidad específica	1.21
Peso de envío (aprox.)	760 - 800 g/L (47.5 - 50.0 lb/pie³)
Límite de temperatura	120 °C (248.0 °F)

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