

Purolite™
CriticalResin™
NRW100

Poliestireno Gel, Resina Catiónica
Fuertemente ácida, Forma de
hidrógeno, Grado nuclear

PRINCIPALES APLICACIONES

- Pulido de refrigerante primario
- Descontaminación de residuos radioactivos
- Componente catiónico de lecho mixto
- Componente catiónico antes de aniónica fuertemente básica

VENTAJAS

- Altamente convertida a la forma de hidrógeno
- Residual mínimo de Metales
- Bajo en orgánicos extractables y lavables
- Regeneración eficiente
- Separación eficiente

SISTEMAS

- Agua desmineralizada para reposición
- Refrigeración primaria
- Residuos radiactivos

ENVASE TÍPICO

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

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Gel reticulado poliestireno con divinilbenceno
Aspecto	Esferas
Grupo funcional	ácido sulfónico
Forma iónica	forma H ⁺
Capacidad total (min.)	1.8 EQ/L (39.3 Kgr/pie³) (forma H ⁺)
Retención de la humedad	51 - 55 % (forma H ⁺)
Rango de tamaño de esferas	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente de uniformidad (max.)	1.7
Conversión (min.)	99.9 % (forma H ⁺)
Impurezas de Hierro (máximo)	50 ppm
Impurezas de sodio (máximo)	40 ppm
Metales pesados como impurezas (máximo)	40 ppm
Densidad específica	1.20
Peso de envío (aprox.)	760 - 800 g/L (47.5 - 50.0 lb/pie³)
Límite de temperatura	120 °C (248.0 °F)

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.

www.puoliteresins.com



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