

Purolite™
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NRW5010

Poliestireno Macroporoso, Resina
Aniónica Fuertemente Básica Tipo I,
Forma hidróxido, Alta porosidad,
Grado nuclear

PRINCIPALES APLICACIONES

- Aniónica en camada inferior
- Remoción de coloides muy fino
- Pulido de refrigerante primario
- Descontaminación de residuos radioactivos

VENTAJAS

- Altamente convertido para la forma hidroxila
- Residual Mínimo Sulfatos y cloruros
- Residual mínimo de Metales

SISTEMAS

- Refrigeración primaria
- Residuos radiactivos

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	Amonio cuaternario de tipo I
Forma iónica	OH- forma
Capacidad total (min.)	0.4 EQ/L (8.7 Kgr/pie³) (OH- forma)
Retención de la humedad	67 - 75 % (Cl⁻ forma)
Rango de tamaño de esferas	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente de uniformidad (max.)	1.8
Conversión (min.)	95 % (OH- forma)
Impurezas de Hierro (máximo)	50 ppm
Impurezas de sodio (máximo)	20 ppm
Metales pesados como impurezas (máximo)	30 ppm
Forma aniónica, CO ₃ ²⁻ (máx.)	5 %
Forma aniónica, SO ₄ ²⁻ (máx.)	0.3 %
Forma aniónica, Cl⁻ (max.)	0.1 %
Peso de envío (aprox.)	590 - 630 g/L (36.9 - 39.4 lb/pie³)
Límite de temperatura, lecho no Regenerable	100 °C (212.0 °F) (OH- forma)
Límite de temperatura, lecho Regenerable	60 °C (140.0 °F) (OH- forma)

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