

Purolite™
CriticalResin™
NRW5070

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

PRINCIPALES APLICACIONES

- Aniónica en camada inferior
- Eliminación de partículas finas asociadas con óxidos metálicos
- Pulido de refrigerante primario
- Descontaminación de residuos radioactivos

ENVASE TÍPICO

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

VENTAJAS

- Excelente estabilidad física y química
- Altamente convertido para la forma hidroxila
- Residual Mínimo Sulfatos y cloruros
- Residual mínimo de Metales
- Alta capacidad Operativa
- Alta porosidad

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Poliestireno macroporoso Reticulado con divinilbenceno
Aspecto	Esferas opacas
Grupo funcional	Amonio cuaternario de tipo I
Forma iónica	OH- forma
Capacidad total (min.)	1 EQ/L (21.8 Kgr/pie³) (OH- forma)
Retención de la humedad	50 - 55 % (Cl⁻ forma)
Rango de tamaño de esferas	425 - 1200 µm
< 425 µm (max.)	2 %
Coefficiente de uniformidad (max.)	1.7
Conversión (min.)	95 % (OH- forma)
Impurezas de Hierro (máximo)	100 ppm
Impurezas de sodio (máximo)	25 ppm
Metales pesados como impurezas (máximo)	50 ppm
Forma aniónica, CO ₃ ²⁻ (máx.)	5 %
Forma aniónica, SO ₄ ²⁻ (máx.)	0.2 %
Forma aniónica, Cl⁻ (max.)	0.2 %
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)

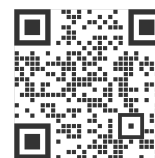
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