

Purolite™
CriticalResin™
NRW3670

Poliestireno Gel, Gel, Resina mixta,
Forma de hidrógeno, Forma
hidróxido, Grado nuclear

PRINCIPALES APLICACIONES

- Pulido de condensado - alta pureza
- Limpieza de agua del reactor

ENVASE TÍPICO

- Caja de 1 pie³
- Tambor (fibra) de 5 pie³
- Bolsa de 25 L - Sellado a caliente

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Aspecto	Esferas	
Rango de tamaño de esferas	425 - 1200 µm	
< 425 µm (max.)	2 %	
Coefficiente de uniformidad (max.)	1.7	
Impurezas de Hierro (máximo)	50 ppm	
Impurezas de sodio (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 - 755 g/L (45.0 - 47.2 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 ácida tipo gel	Aniónica fuertemente básica tipo gel
Estructura del polímero	Gel reticulado poliestireno con divinilbenceno	Gel reticulado poliestireno con divinilbenceno
Grupo funcional	ácido sulfónico	Amonio cuaternario de tipo I
Forma iónica	forma H ⁺	OH ⁻ forma
Catión / anión relación química equivalente	1	1
Capacidad total (min.)	2.5 EQ/L (forma H ⁺)	1.15 EQ/L (OH ⁻ forma)

Conversión (min.)	99.9 % (forma H ⁺)	95 % (OH- forma)
Densidad específica	1.23	1.08

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