

# Purolite™ CriticalResin™ NRW3670Li7

Poliestireno Gel, Gel, Resina mixta,  
Forma de litio 7, Forma hidróxido,  
Grado nuclear

## PRINCIPALES APLICACIONES

- control del pH del líquido refrigerante primario

## ENVASE TÍPICO

- Caja de 1 pie<sup>3</sup>
- Tambor (fibra) de 5 pie<sup>3</sup>
- Bolsa de 25 L - Sellado a caliente
- Tambor (plástico) de 50 L

## 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	
Peso de envío (aprox.)	720 - 755 g/L (45.0 - 47.2 lb/pie <sup>3</sup> )	
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	<sup>7</sup> Li <sup>+</sup> forma	OH <sup>-</sup> forma
Catión / anión relación química equivalente	1	1
Capacidad total (min.)	2.4 EQ/L ( <sup>7</sup> Li <sup>+</sup> forma)	1.2 EQ/L (OH- forma)
Conversión (min.)	99.9 % ( <sup>7</sup> Li <sup>+</sup> forma)	95 % (OH- forma)
Forma aniónica, CO <sub>3</sub> <sup>2-</sup> (máx.)	5 %	
Forma aniónica, SO <sub>4</sub> <sup>2-</sup> (máx.)	0.1 %	

Forma aniónica, Cl <sup>-</sup> (max.)		0.1 %
Densidad específica	1.26	1.08

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.

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