

Purolite™ UltraClean™ UCW3900

Poliestireno Gel, Gel, Resina mixta,
Forma de hidrógeno, Forma
hidróxido, Separables, Grado de
Agua ultrapura

PRINCIPALES APLICACIONES

- Resina mixta para agua de alta pureza

ENVASE TÍPICO

- Caja de 1 pie³
- Tambor (plástico) de 50 L
- Tambor (fibra) de 5 pie³

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Aspecto	Esferas	
TOC (max.)	< 10 ppb TOC después de 40 BV de enjuague a 30 BV/h (*)	
Resistividad	> 18 MΩ después de 15 BV de enjuague a 30 BV/h (*)	
Peso de envío (aprox.)	700 - 740 g/L (43.8 - 46.2 lb/pie³)	
Límite de temperatura	60 °C (140.0 °F)	
Nombre del componente	Aniónica Tipo Gel Ultra limpia	Aniónica Tipo I Gel UltraClean
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.)	2.0 EQ/L (forma H ⁺)	1.0 EQ/L (OH- forma)
Diámetro promedio	570 ± 50 µm	590 ± 70 µm
Conversión (min.)	99.9 % (forma H ⁺)	95 % (OH- forma)
Retención de la humedad	46 - 50 % (forma H ⁺)	60 - 70 % (OH- forma)
Coeficiente de uniformidad	1.2	1.2
Nota de pie de página	* Calidad del agua de entrada para lavado: > 17.5 M Ω cm; < 2 ppb TOC	

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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