

Purolite™ CriticalResin™ NRW100QR

Poliestireno Gel, Resina Catiónica
Fuertemente ácida, Forma de
hidrógeno, con indicador, Grado
nuclear

PRINCIPALES APLICACIONES

- Control de conductividad del catión

VENTAJAS

- Cambio de color de ámbar a rojo oscuro cuando está agotada.

ENVASE TÍPICO

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

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Gel reticulado poliestireno con divinilbenceno
Aspecto	Esferas
Grupo funcional	ácido sulfónico
Forma iónica	forma H ⁺
Capacidad total (min.)	1.7 EQ/L (37.1 Kgr/pie ³) (forma H ⁺)
Retención de la humedad	53 - 57 % (forma H ⁺)
Rango de tamaño de esferas	300 - 1200 µm
< 300 µm (max.)	1 %
Coefficiente de uniformidad (max.)	1.7
Conversión (min.)	99.9 % (forma H ⁺)
Hinchamiento reversible, Na ⁺ → H ⁺ (max.)	8 %
Impurezas de Hierro (máximo)	50 ppm
Impurezas de sodio (máximo)	40 ppm
Metales pesados como impurezas (máximo)	40 ppm
Densidad específica	1.20
Peso de envío (aprox.)	755 - 790 g/L (47.2 - 49.4 lb/pie ³)
Límite de temperatura	120 °C (248.0 °F)

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.

www.puoliteresins.com



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