

Purolite™ CriticalResin™ NRW100QR

Poliestirênico Gel, Resina Catiônica
Fortemente Ácida, Forma de
Hidrogênio, com Indicador, Grau
Nuclear

APLICAÇÕES PRINCIPAIS

- Controle de condutividade do cátion

VANTAGENS

- Mudança de cor de âmbar para vermelho escuro quando está saturada.

EMBALAGEM TÍPICA

- Caixa de 1 pé³
- Tambor (Fibra) de 5 pé³

CARACTERÍSTICAS FÍSICO-QUÍMICAS TÍPICAS:

Estrutura Polimérica	Reticulado de poliestireno gel com divinilbenzeno
Aparência	Esferas
Grupo Funcional	ácido sulfônico
Forma Iônica	forma H ⁺
Capacidade Total (min.)	1.7 eq/L (37.1 Kg/ft ³) (forma H ⁺)
Retenção de Umidade	53 - 57 % (forma H ⁺)
Faixa de Tamanho de esferas	300 - 1200 µm
< 300 µm (max.)	1 %
Coefficiente Uniformidade (max.)	1.7
Conversão (min.)	99.9 % (forma H ⁺)
Dilatação reversível, Na ⁺ → H ⁺ (max.)	8 %
Impurezas de Ferro (max.)	50 ppm
Impurezas de Sódio (max.)	40 ppm
Impurezas de Metais Pesados (max.)	40 ppm
Peso Específico	1.20
Peso de Embarque (aprox.)	755 - 790 g/L (47.2 - 49.4 lb/ft ³)
Limite 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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