FICHA TÉCNICA

Purolite™ UltraClean™ UCW3700

Poliestirênico Gel, Gel, Resina Mista, Forma de Hidrogênio, Forma de Hidróxido, Grau de Água Ultra-Pura

APLICAÇÕES PRINCIPAIS

- Água ultrapura

SISTEMAS

- Desmineralizadores de Leito Misto

APROVAÇÕES REGULAMENTARES

- Certificado IFANCA Halal

EMBALAGEM TÍPICA

- Caixa de 1 pé³
- Tambor (Plástico) de 50 Litros
- Tambor (Fibra) de 5 pé³

CARACTERÍSTICAS FISICO-QUÍMICAS TÍPICAS:

Aparência	Esferas	
TOC (max.)	< 10 ppb TOC após 40 BV de lavagem a 30 BV/h (*)	
Resistividade	> 18 MΩ após 15 BV de lavagem a 30 BV/h (*)	
Peso de Embarque (aprox.)	685 - 725 g/L (42.8 - 45.3 lb/ft³)	
Limite de Temperatura	60 °C (140.0 °F)	
Nome do Componente	Catiônica gel grau Ultraclean	Aniônica gel tipo I grau Ultraclean
Estrutura Polimérica	Reticulado de poliestireno gel com divinilbenzeno	Reticulado de poliestireno gel com divinilbenzeno
Grupo Funcional	ácido sulfônico	Quarternário de Amônio tipo I
Forma Iônica	forma H^+	OH^- forma
Relação Química Equivalente Cátion / Ânion	1	1
Capacidade Total (min.)	1.8 eq/L (forma H^+)	1 eq/L (OH^- forma)
Diâmetro Médio	610 ± 40 µm	570 ± 50 µm
Conversão (min.)	99.9 % (forma H^+)	95 % (OH^- forma)
Retenção de Umidade	49 - 54 % (forma H^+)	60 - 70 % (OH^- forma)
Coeficiente Uniformidade	1.2	1.2
Nota de Rodapé	* Qualidade da água de entrada para lavagem: > 17.5 MΩ cm; < 2 ppb TOC	

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