

Purofine® PFC100E

Poliestireno Gel, Resina Catiónica
Fuertemente ácida, Forma de sodio,
Tamaño de esferas uniformes

PRINCIPALES APLICACIONES

- Ablandamiento - agua Potable
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- Procesamiento de alimentos y bebidas

VENTAJAS

- Regeneración eficiente
- Alta capacidad Operativa
- Separación eficiente
- Baja pérdida de presión versus resina estándar
- Buena estabilidad física y química

SISTEMAS

- Sistema Cocorriente de regeneración
- Sistemas de Regeneración Contracorriente

APROBACIONES REGULADORAS

- Certificado por la WQA, estándar NSF ANSI 61
- Aprobado por el esquema consultivo para regulaciones de agua

ENVASE TÍPICO

- Bolsa de 1 pie³
- Tambor (fibra) de 5 pie³
- Supersack de 35 pie³
- Supersack de 42 pie³
- Bolsa de 25 L

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	Gel reticulado poliestireno con divinilbenceno
Aspecto	Esferas
Grupo funcional	ácido sulfónico
Forma iónica	Na ⁺ forma
Capacidad total (min.)	1.9 EQ/L (41.5 Kgr/pie ³) (Na ⁺ forma)
Retención de la humedad	46 - 50 % (Na ⁺ forma)
Diámetro promedio	570 ± 50 µm
Coefficiente de uniformidad	1.1 - 1.2
Hinchamiento reversible, Na ⁺ → H ⁺ (max.)	10 %
Hinchamiento reversible, Ca ²⁺ → Na ⁺ (max.)	8 %
Densidad específica	1.27
Peso de envío (aprox.)	795 - 830 g/L (49.7 - 51.9 lb/pie ³)
Límite de temperatura	120 °C (248.0 °F)



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