

Purolite™ FBC1047

Poliacrílico Poroso, Resina Catiónica
Debilmente ácida, Forma de
hidrógeno, Grado de agua potable

PRINCIPALES APLICACIONES

- Descarbonización
- Desionización
- ablandamiento

VENTAJAS

- Alta Eficiencia Química
- Excelente Adsorción de metales alcalinos
- Alta capacidad Operativa

ENVASE TÍPICO

- Bolsa de 1 pie³
- Bolsa de 25 L
- Tambor (fibra) de 5 pie³
- Supersack de 1 m³
- Supersack de 42 pie³

CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

Estructura del polímero	poliacrítica ácida com crosslink poroso
Aspecto	Esferas
Grupo funcional	Ácido carboxílico
Forma iónica	forma H ⁺
Capacidad total (min.)	4.3 EQ/L (94.0 Kgr/pie³) (forma H ⁺)
Retención de la humedad	45 - 55 % (forma H ⁺)
Rango de tamaño de esferas	300 - 1600 µm
< 300 µm (max.)	1 %
Hinchamiento reversible, H ⁺ → Ca ²⁺ (máx.)	20 %
Hinchamiento reversible, H ⁺ → Ca ²⁺ (operativo)	7% (aprox.)
Hinchamiento reversible, H ⁺ → Na ⁺ (max.)	60 %
Densidad específica	1.19
Peso de envío (aprox.)	740 - 780 g/L (46.2 - 48.8 lb/pie³)
Límite de temperatura	120 °C (248.0 °F)

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