

# Purolite™ C107E

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Debilmente ácida, Forma de  
hidrógeno, Grado de agua potable

## PRINCIPALES APLICACIONES

- Ablandamiento - agua Potable
- Descarbonización

## VENTAJAS

- Excelente cinética
- Alta capacidad Operativa
- Excelente selectividad para los metales pesados

## SISTEMAS

- Soluciones acuosas orgánicas

## APROBACIONES REGULADORAS

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

## ENVASE TÍPICO

- Bolsa de 1 pie<sup>3</sup>
- Bolsa de 25 L
- Tambor (fibra) de 5 pie<sup>3</sup>
- Supersack de 1 m<sup>3</sup>
- Supersack de 42 pie<sup>3</sup>

## CARACTERÍSTICAS FÍSICAS Y QUÍMICAS:

|                                                                   |                                                               |
|-------------------------------------------------------------------|---------------------------------------------------------------|
| Estructura del polímero                                           | poliacrítica ácida com crosslink poroso                       |
| Aspecto                                                           | Esferas                                                       |
| Grupo funcional                                                   | Ácido carboxílico                                             |
| Forma iónica                                                      | forma H <sup>+</sup>                                          |
| Capacidad total (min.)                                            | 3.6 EQ/L (78.7 Kgr/pie <sup>3</sup> ) (forma H <sup>+</sup> ) |
| Retención de la humedad                                           | 53 - 58 % (forma H <sup>+</sup> )                             |
| Rango de tamaño de esferas                                        | 300 - 1600 µm                                                 |
| < 300 µm (max.)                                                   | 0.5 %                                                         |
| Hinchamiento reversible, H <sup>+</sup> → Ca <sup>2+</sup> (máx.) | 25 %                                                          |
| Hinchamiento reversible, H <sup>+</sup> → Na <sup>+</sup> (max.)  | 90 %                                                          |
| Densidad específica                                               | 1.17                                                          |
| Peso de envío (aprox.)                                            | 735 - 770 g/L (45.9 - 48.1 lb/pie <sup>3</sup> )              |
| Límite de temperatura                                             | 120 °C (248.0 °F)                                             |

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