

# Purofine® PFC100E

polistirenice Gel, Rasina cationica puternic acida, forma sodiu, Dimensiunea uniformă a particulelor

## PRINCIPALELE APLICATII

- Dedurizare - apă potabilă
- Dedurizare - apă potabilă
- prelucrarea produselor alimentare i băuturilor

## AVANTAJE

- Regenerare eficientă
- Capacitate ridicată de operare
- separare eficientă
- Scădere scăzută de presiune comparativ cu răina standard
- stabilitate fizică i chimică buna

## SISTEME

- sisteme de regenerare in co-curent
- sisteme de regenerare in contracurent

## APROBARI DE REGLEMENTARE

- Certificat de WQA conform standardului NSF ANSI 61
- Aprobat de schema consultativă pentru reglementarea apei

## AMBALAJE TIPICE

- sac 1 ft<sup>3</sup>
- Butoi (Fibră) de 5 CF
- Supersac de 35 CF
- supersac de 42 CF
- 25 L sac

## CARACTERISTICI TIPICE FIZICE SI CHIMICE

Structura polimerica	Copolimer gel polistirenice reticulat cu divinilbenzen
Aspect	Perle sferice
Grupari functionale	acid sulfonic
Forma ionica	forma de Na <sup>+</sup>
Capacitatea totală (min.)	1.9 eq/L (41.5 Kgr/ft <sup>3</sup> ) ( forma de Na <sup>+</sup> )
reineria umidității	46 - 50 % ( forma de Na <sup>+</sup> )
diametru mediu	570 ± 50 μm
coeficient de uniformitate	1.1 - 1.2
Dilatate reversibilă, Na <sup>+</sup> → H <sup>+</sup> (max.)	10 %
Dilatate reversibilă, Ca <sup>2+</sup> → Na <sup>+</sup> (max.)	8 %
densitate specifică	1.27
Greutate de transport (aprox.)	795 - 830 g/L (49.7 - 51.9 lb/ft <sup>3</sup> )
Limita de temperatură	120 °C (248.0 °F)



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