

Purofine® PFA103Plus

Polystyrenic Macroporous, Weak
Base Anion Resin, Free Base form,
Uniform Particle Size

PRINCIPAL APPLICATIONS

- Demineralization

ADVANTAGES

- Uniform particle size

TYPICAL PACKAGING

- 1 ft³ Sack
- 25 L Sack
- 5 ft³ Drum (Fiber)
- 1 m³ Supersack
- 42 ft³ Supersack

TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:

Polymer Structure	Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Tertiary Amine
Ionic Form	FB form
Total Capacity	1.5 eq/L (32.8 Kgr/ft ³) (FB form)
SBC	12 - 20 %
Moisture Retention	51 - 58 % (Cl ⁻ form)
Mean Diameter	570 ± 50 µm
Uniformity Coefficient	1.1 - 1.2
Reversible Swelling, FB → Cl ⁻ (max.)	25 %
Specific Gravity	1.04
Shipping Weight (approx.)	625 - 645 g/L (39.1 - 40.3 lb/ft ³)
Temperature Limit	100 °C (212.0 °F) (Cl ⁻ form)
Temperature Limit	60 °C (140.0 °F) (FB form)



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