

PUROLITE® PFA850 Strong Base Anion Gel

Gel Strong Base Anion Exchange Resin

Basic Features:

Application	Regeneration Efficient Demineralization - Uniformly Sized
Polymer Structure	Gel Polyacrylic crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Quaternary Ammonium
Ionic form as shipped	Cl ⁻

Typical Physical and Chemical Characteristics:

Total Capacity (min.)	Cl ⁻	1.25 eq/l
Total Capacity (min.)	Cl ⁻	27.29 kGr/ft ³
Moisture Retention	Cl ⁻	57-62 %
Mean Size Typical		0.52-0.62 mm
Uniformity Coefficient (max.)		1.20
Irreversible Swelling (max.)		10 %
Reversible Swelling (max.)	Cl ⁻ → OH ⁻	15 %
Specific Gravity		1.09 g/ml
Shipping Weight (approx.)		680-720 g/l
Shipping Weight (approx.)		42.5-45 lbs/ft ³
Temp Limit	OH ⁻	40 °C
Temp Limit	OH ⁻	104 °F
Temp Limit	Cl ⁻	80 °C
Temp Limit	Cl ⁻	175 °F
pH Limits		0-14 (Stability)
pH Limits	OH ⁻	1-10 (Operating)



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