

Mixed Bed Exchange Resin - Self Indicating

Basic Features:

Application	Partial Demineralization ; weak base anion resin and color indicator
Polymer Structure	Gel/Macroporous polystyrene crosslinked with divinylbenzene
Appearance	Spherical beads
Functional Group	Sulphonic Acid and Tertiary Amine
Ionic form as shipped	H ⁺ / FB

Typical Physical and Chemical Characteristics:

Cation Component		Gel Strong Acid Cation
Anion Component		Macroporous Weak Base Anion
Cation / Anion Ratio		60 / 40 %
Total Capacity (min.)	Na ⁺	1.90 eq/l
Total Capacity (min.)	Na ⁺	41.50 kGr/ft ³
Total Capacity (min.)	Free Base	1.30 eq/l
Total Capacity (min.)	Free Base	28.40 kGr/ft ³
Mean Size Typical		0.60-0.85 mm
Uniformity Coefficient (max.)		1.70
Shipping Weight (approx.)		720-755 g/l
Shipping Weight (approx.)		45-47.2 lbs/ft ³
Temp Limit	Non-Regenerable Bed	100 °C
Temp Limit	Non-Regenerable Bed	212 °F
Temp Limit	Regenerable Bed	60 °C
Temp Limit	Regenerable Bed	140 °F
pH Limits		0-14