

MIXED BED DI RESIN

SRDI-RESIN-25L

Materials of Construction

Resin Type:

Cation: Hydrogen Form Sulfonated Polystyrene Copolymer

Anion: Hydroxyl Form Strong Base Alkali Quaternary Ammonium

Construction Notes

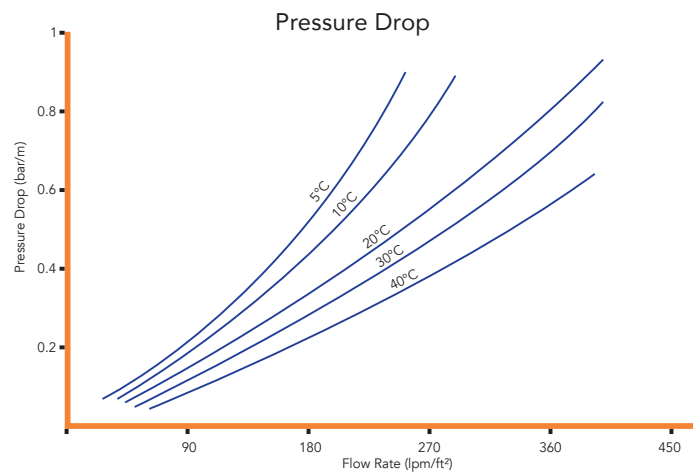
1. Manufactured from a type 1 strong acid cation and strong anion mixture.
2. Component resins have been selected for low conductivity values, typically providing water quality of 0.1 microSiemens/cm.
3. The type 1 functional group, in the anionic compound guarantees high purity, silica free water.



Technical Data

Operating Conditions	Maximum Operating Temperature (°C)		100
	Capacity (Eq/l)	Cation	0.90
		Anion	0.35
Physical Properties	Functional Group	Cation	SO ₃ H ⁺
		Anion	R ₄ N ⁺ OH ⁻
	Ionic Form		H ⁺ /OH ⁻
	Physical Form (Spherical Beads) (%)		>95
	Uniformity Coefficient		Approx. 1.6
	pH Range		0 - 14
	Bead Size (mm)	Minimum	0.31
		Maximum	1.25
Maximum Moisture Content (%)		45 - 55	

Hydraulic Properties



Resin Range

Also available from the SPECTRUM Resin family:

Mixed Bed DI Resin (SRDI)

Softening Resin (CGS)