Product Information
Relite™ JC600

Relite™ JC600 is a gel type strongly acidic cation exchange resin. It has standard cross-linkages and excellent properties. A wide range of applications, especially in a field of manufacturing and processing pure water, is recommended.

Product

Grade Name		Relite™ JC600
Type		Strong Acid Cation
Matrix		Styrene - DVB, Gel
Functional Group		Sulfonic acid
Ionic Form		Na^+

Specification

Whole Bead Count	-	90 min.
Total Capacity	meq/mL	2.0 min.
Water Content	%	43 - 50
Particle Size Distribution on 1200 μm	%	5.0 max.
Particle Size Distribution thr. 300 μm	%	2.0 max.
Effective Size	mm	0.45 - 0.60
Uniformity Coefficient	-	1.7 max.

Recommended Operating Conditions

Maximum Operating Temperature	°C	120
Operating pH Range		0 - 14
Minimum Bed Depth	mm	800
Service Flow Rate	BV/h	10 - 40
Regenerant		HCl
		H_2SO_4
		NaCl
Regenerant Concentration	%	HCl 4 - 10
		H_2SO_4 1 - 4
		NaCl 5 - 15
Regenerant Level	g/L	HCl, H_2SO_4 30 - 150
		NaCl 50 - 200
Regenerant Flow Rate	BV/h	2 - 10
Total Rinse Requirement	BV	2 - 10

1 BV(Bed Volume)=1 m^3/m^3-resin

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