

Product Information

Relite™ JA830

Relite™ JA830 is a gel type strongly basic anion exchange resin. It has acrylic-DVB polymer matrix and excellent properties. A wide range of applications, especially in a field of demineralization and chemical process, is recommended.

Product

Grade Name	Relite™ JA830
Type	Strong Base Anion
Matrix	Acrylic - DVB, Gel
Functional Group	Type I (trimethyl ammonium groups)
Ionic Form	Cl ⁻

Specification

Whole Bead Count	-	90 min.
Total Capacity	meq/mL	1.2 min.
Water Content	%	54 - 64
Particle Size Distribution on 1200 µm	%	5 max.
Particle Size Distribution thr. 355 µm	%	2 max.
Effective Size	mm	0.45 - 0.60
Uniformity Coefficient	-	1.7 max.

Recommended Operating Conditions

Maximum Operating Temperature	°C	50 (Cl ⁻) 40 (OH ⁻)
Operating pH Range		0 - 14
Minimum Bed Depth	mm	600
Service Flow Rate	BV/h	10 - 25
Regenerant		NaOH
Regenerant Concentration	%	NaOH 2 - 6
Regenerant Level	g/L	112 - 300
Regenerant Flow Rate	BV/h	2 - 8
Total Rinse Requirement	BV	2 - 10

1 BV(Bed Volume)=1 m³/m³-resin



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