

Relite™ JA100 is a gel type strongly basic anion 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™ JA100	
Type	Strong Base Anion	
Matrix	Styrene-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	%	48 - 58
Particle Size Distribution on 1200 µm	%	5.0 max.
Particle Size Distribution thr. 300 µm	%	1.0 max.
Effective Size	mm	0.45 - 0.60
Uniformity Coefficient	-	1.7 max.

Recommended Operating Conditions

Maximum Operating Temperature	°C	80 (Cl ⁻) 60 (OH ⁻)
Operating pH Range		0 - 14
Minimum Bed Depth	mm	800
Service Flow Rate	BV/h	10 - 60
Regenerant		NaOH
Regenerant Concentration	%	NaOH 2 - 8
Regenerant Level	g/L	50 - 200
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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