

Relite™ JA450 is a porous 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™ JA450
Type	Strong Base Anion
Matrix	Styrene-DVB, Porous
Functional Group	Type I (triethyl ammonium groups)
Ionic Form	Cl ⁻

Specification

Whole Bead Count	-	90 min.
Total Capacity	meq/mL	0.9 min.
Water Content	%	45 - 55
Particle Size Distribution on 1200 μm	%	5 max.
Particle Size Distribution thr. 300 μm	%	1 max.
Effective Size	mm	0.40 - 0.55
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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