

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

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| 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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