

Relite™ JC603 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

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|------------------|--------------------|
| Grade Name | Relite™ JC603 |
| Type | Strong Acid Cation |
| Matrix | Styrene - DVB, Gel |
| Functional Group | Sulfonic acid |
| Ionic Form | H ⁺ |

Specification

| | | |
|--|--------|-------------|
| Whole Bead Count | - | 90 min. |
| Total Capacity | meq/mL | 1.8 min. |
| Water Content | % | 49 - 55 |
| 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 ₂ SO ₄ |
| Regenerant Concentration | % | HCl 4 - 10 H ₂ SO ₄ 1 - 4 |
| Regenerant Level | g/L | 30 - 150 |
| Regenerant Flow Rate | BV/h | 2 - 10 |
| Total Rinse Requirement | BV | 2 - 10 |

1 BV(Bed Volume)=1 m³/m³-resin

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