

TRILITE® MCK-35K

Chromatography cation resins

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TRILITE® MCK-35K Fine Mesh Strong Acid Cation Exchange Resin is a Gel Type Uniform Particle Size resin. TRILITE® MCK-35K is a standard crosslinkage product and it has outstanding mechanical and chemical stability, leading to low crush rate even after long-term use. TRILITE® MCK-35K is supplied by Ca²⁺ form.

Physical and Chemical Properties

Matrix	Styrene-DVB, Gel	Functional Group	Sulfonic acid
Ionic Form	Ca ²⁺	Total Capacity(eq/ℓ)	1.70 ↑
Shipping weight (g/ℓ)	840	Moisture Retention (%)	47~51
Uniformity Coefficient	1.1 ↓	Particle Size (μm)	340±10
Whole Beads (%)	95 ↑		

Recommended Operating Conditions

Operating Temp (°C)	120 ↓	pH Range	0~14
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Applications

TRILITE® MCK SERIES is a resin for chromatographic separation process as glucose and fructose separation, oligosaccharide separation and high purity sugar recovery from molasses.

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Samyang's TRILITE Ion exchange resins are produced based on the ISO 9001, ISO 14001 certification.

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