

TRILITE® MCK-50

Chromatography cation resins

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TRILITE® MCK-50 Fine Mesh Strong Acid Cation Exchange Resin is a Gel Type Uniform Particle Size resin. TRILITE® MCK-50 is a high crosslinkage product and it has outstanding mechanical and chemical stability, leading to low crush rate even after long-term use. TRILITE® MCK-50 is supplied by Na⁺ form.

Physical and Chemical Properties

Matrix	Styrene-DVB, Gel	Functional Group	Sulfonic acid
Ionic Form	Na ⁺	Total Capacity(eq/ℓ)	1.90 ↑
Shipping weight (g/ℓ)	855	Moisture Retention (%)	46~50
Uniformity Coefficient	1.1 ↓	Particle Size (μm)	215±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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