

TRILITE® PCC30H

Gaussian Strong Acid Cation Exchange Resin

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TRILITE® PCC30H is a low cross-linked Gaussian SAC gel-type exchange resin that is used for Isomerization/reforming reactor applications in Bisphenol-A catalysis. TRILITE® PCC30H is a low cross-linked product with fast reaction speed and outstanding physical and chemical properties.

Physical and Chemical Properties

Matrix	Polystyrene+DVB, Gel	Functional Group	Sulfonic acid
Ionic Form	H ⁺	Total Capacity(eq/ℓ)	1.20 ↑
Shipping Density(g/ℓ)	700	Moisture Retention(%)	60~70
Particle Density	1.11	Uniformity Coefficient	1.6 ↓
Particle Size(μm)	300~1,200	Swelling Rate (Water→Phenol, %)	51
Whole Beads(%)	95 ↑		

Recommended Operating Conditions

Operating Temp(°C)	100 ↓	Storage Temp(°C)	0~35
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Applications

TRILITE® PCC30H is a low cross-linked gel-type product and widely used as a catalyst for various reactions such as Bisphenol-A.

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

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