

TRILITE® GSP-25

Synthetic Adsorbent

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TRILITE® GSP-25 is a nonionic, cross-linked polymeric adsorbent. Its adsorptive properties derive from its macroreticular pore structure, high surface area, designed pore size distribution, and the aromatic nature of its surface.

It has excellent physical, chemical, and thermal stability, and served quite a long time life by regenerations.

Physical and Chemical Properties

Matrix	Styrene-DVB Copolymer	Functional group	-
Pore volume(ml/g)	1.2~1.6	Shipping density(g/l)	1,000~1,100
Moisture retention(%)	55~65	Specific surface area(m ² /g)	1,100 ↑
Particle size(mm)	0.250~0.700	Pore radius(Å)	45~55

Recommended Operating Conditions

Operating Temp(°C)	110	pH range	0~14
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Applications

TRILITE® GSP-25 has much larger surface area and a narrower, more uniform pore-size distribution than GSH-20 Grade. They offer nearly one and half times the surface area of GSH-20. With large surface area and narrower pore radius, it selectively adsorbs small molecules and excludes larger molecules. This grade is recommended for adsorption, desalting and decolorization.

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

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