

TRILITE® GSP-07

Synthetic Adsorbent

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TRILITE® GSP-07 is a special grade poly styrene adsorbent bonded with bromine. By introducing bromine into the resin structure, the resins is more hydrophobic and higher density.

It is suitable for separate hydrophobic or weak hydrophobic substances from solutions with high ions content, also it is of higher selectivity to nonpolar molecules.

Physical and Chemical Properties

Matrix	Chemically modified styrene type	Functional group	-
Pore volume(ml/g)	0.8~1.0	Shipping density(g/l)	650~750
Moisture retention(%)	43~53	Specific surface area(m ² /g)	600 ↑
Particle size(mm)	0.25~0.70	Pore radius(Å)	50~70

Recommended Operating Conditions

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

TRILITE® GSP-07 has higher hydrophobicity and greater selectivity for non-polar molecules than standard aromatic adsorbents, due to its chemically bonded bromine to the aromatic rings. It is suitable for upward flow and batch processes due to its high specific gravity.

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

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