

PXA-4969

Non-Functionalized Adsorbent Resin

ResinTech PXA-4969 is non-ionic polystyrenic porous adsorbent resin. The size and volume of the pores in the resin allow for easy diffusion, transport, and reversible binding of dissolved substances in various polar and non-polar fluids. PXA-4969 is intended for use in the sweetener and juice industry and other polymeric adsorbent applications.



FEATURES & BENEFITS

- Excellent loading and elution performance
- Strong matrix for resistance to osmotic shock
- Low pressure drop
- Excellent fouling resistance

APPLICATIONS

- Amino acid adsorption
- Citrous terpenes adsorption
- Polyphenol adsorption
- Surfactants removal
- Juice Debittering
- Adsorbant
- Chromatographic Separations

Conforms to §21CFR173.25 of the USFDA Food Additives Regulations

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Polymer Matrix	Styrene/DVB	Moisture Retention (%)	60 to 70
Polymer Type	Porous	Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)
Ionic Form (as shipped)	Non-ionic	Color	Yellow to Tan
Functional Group	None	Average Pore Diameter (nm)	9
Physical Form	Spherical Beads	Average Pore Volume (ml/g)	2.3
Particle Size US Mesh (µm)	30 (595) to 50 (297)		

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	230°F (110°C)	Operating pH Range	0 to 14
Minimum Bed Depth	36 in. (91.4 cm)	Flow Rate	
Maximum Pressure Loss	36 psi (248 kPa)	Working Service	Depends on fluid viscosity, Contact ResinTech
Backwash Expansion (%)	50, min		

PACKAGING

Standard

7 cu.ft. Drum | 42 cu.ft. Supersack

Minimum Order Volume: 210 (cu.ft.)

SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith. However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

Safety Data Sheets (SDS) are available at [resintech.com](https://www.resintech.com)

