PXA-4969

NULL

Non-Functionalized Adsorbent Resin

ResinTech PXA-4969 is non-ionic polystyrenic 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

PHYSICAL PROPERTIES

Polymer Matrix	Styrene/DVB
Polymer Type	Gel
Ionic Form (as shipped)	Non-ionic
Functional Group	None
Physical Form	Spherical Beads
Uniformity Coefficient	1.60
Particle Size	30-50 US mesh (297-595µm)
Moisture Retention (%)	60 to 70
Shipping Weight	42 - 44 lbs/cu.ft. (673 - 705 g/L)
Color	Yellow to Tan
Average Pore Diameter (nm)	9
Average Pore Volume (ml/g)	2.3

SUGGESTED OPERATING CONDITIONS

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

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

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

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PACKAGING

Standard

7 cu.ft. Drum | 42 cu.ft. Supersack
200L Drum | 1000L Supersack

Metric

Shipping Weight

42 - 44 lbs/cu.ft. (673 - 705 g/L)

Minimum Order Volume: 210 (cu.ft.)

MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets (MSDS) 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

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