

IT-1

Barrier Media, Proprietary Macroporous Matrix, Inert Form

ResinTech IT-1 is an inert bead form resin. It is designed with a bead size and specific gravity in between that of active cation and anion resins. IT-1 is intended for mixed bed demineralizers where a barrier layer of inert resin is desired surrounding the interface collector after backwash.



FEATURES & BENEFITS

- Truly Inert
- High Void Space
- Superior Physical Stability
- Controlled Particle Size

APPLICATIONS

- Inert
- Mixed Bed Components

Polymer Matrix	Proprietary Matrix	Minimum Sphericity (%)	95
Polymer Type	Macroporous	Uniformity	Gaussian
Ionic Form (as shipped)	Inert	Uniformity Coefficient	1.20
Physical Form	Spherical Beads	Moisture Retention (%)	0 to 15
Particle Size US Mesh (µm)	20 (841) to 40 (400)	Shipping Weight	43 - 45 lbs/cu.ft. (689 - 721 g/L)
< 50 mesh (300 µm) %	< 1%	Color	White to Tan

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	212°F (100°C)	Flow Rate	
Minimum Bed Depth	9 in. (22.9 cm)	Working Service	Depends on fluid viscosity.
Operating pH Range	0 to 14		Contact ResinTech

PACKAGING**Standard**

1 cu.ft. Bag | 7 cu.ft. Drum

5 cu.ft. Drum | 42 cu.ft. Supersack

Metric

140L Drum | 1000 L Supersack

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

Page 2 of 2

Last Update: 16-Feb-26

