

PRODUCT SPECIFICATION SHEET

SUPRA

IT-1

INERT MEDIA

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TRIBED SEPARATION LAYER
FOR USE IN MIXED BEDS

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.

APPLICATIONS

- Mixed Bed Layer

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Proprietary Matrix Macroporous
Ionic Form	Inert
Physical Form	Spherical Beads
Particle Size	20 to 40 US Mesh (400 - 841 μ m)
% < 50 mesh (300μm)	< 1%
Minimum Sphericity	95%
Uniformity Coefficient	1.2
Temp Limit	212°F (100°C)
Moisture Retention	0% to 15%
Shipping Weight	41 - 43 lbs/ft ³ (657 - 689 g/L)
Color	White to Tan
Uniform Particle Size	Yes

PACKAGING OPTIONS

- 500 ml samples
- 1 ft³ bags
- 1 ft³ boxes
- 1 ft³ drums
- 7 ft³ drums
- 42 ft³ supersacks

SUGGESTED OPERATING CONDITIONS

Maximum continuous temperature	140°F
Minimum bed depth	6 to 9 inches
Operating pH	0 to 14 SU

Note: These guidelines describe average low risk operating conditions. They are not intended to be absolute minimums or maximums.
For operation outside these guidelines, contact ResinTech Technical Support

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