

# SUPRA IT-1

INERT MEDIA

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

## PACKAGING OPTIONS

- 500 ml samples
- 1 ft<sup>3</sup> bags
- 1 ft<sup>3</sup> boxes
- 1 ft<sup>3</sup> drums
- 7 ft<sup>3</sup> drums
- 42 ft<sup>3</sup> 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

