

## USF NR-62 STATOR COOLING MIXED BED RESIN

### Description:

USF NR-62 STATOR COOLING MIXED BED is a 60:40 volumetric mix of USF A-284C OH and C-361C H. USF C-361C H is a 10% cross-linked gel strong acid cation exchange resin that is manufactured from polystyrene and is cross-linked with divinylbenzene. USF A-284C OH is a strong base, Type I, gel anion resin consisting of a styrene divinylbenzene matrix. This resin is designed for use in Stator Cooling applications and satisfies GE Spec A50A306-S8.

### Chemical Properties

Functional Groups	Sulfonic Acid, Trimethylamine
Ionic Form (as shipped)	Hydrogen / Hydroxide mix
Moisture Content	51% max. (H form cation) / 48% max. (Cl form anion)
Exchange Capacity	2.0 meq / m l min. (H form cation) / 1.2 meq / ml min. (OH form anion)
Kinetics	> 15 megohm (Siemens Kinetics Test)

### Physical Properties

Particle Screen Sizing	
+ 16 Mesh	5% maximum
- 50 Mesh	0.5% maximum
Effective Size (Approximate)	0.40 - 0.60 mm
Whole Beads (%)	90 minimum
Shipping Weight	45 lbs. / cu. ft.

### Operating Conditions

Operating pH Range	1 to 14
Service Flow Rate	1 to 4 gpm / cu. ft.
Maximum Operating Temperature	140°F