



Graver Technologies

Product Specification

GRAVEX[®] GR-3-11 SG **Standard Mixed Bed** **Hydrogen/Hydroxide**

Spec No.	GTS-311-SG
Rev No.	0
Date	August 31, 2015

Properties

Limits

Resin Type	Strongly Acidic Gel Cation Exchange Resin Strongly Basic Type 1 Gel Anion Exchange Resin	
Functionality	Sulfonic Acid / Quaternary Ammonium	
Matrix	Styrene Divinylbenzene	
Cation:Anion Ratio	1:1 Volume	
Total Exchange Capacity	1.8 meq/mL (Cation)	(min)
	1.0 meq/mL (Anion)	(min)
Ionic Conversion	99% Hydrogen	(min)
	95% Hydroxide	(min)
Particle Size	5% plus 16 mesh (~1,190 μ m)	(max)
	5% minus 40 mesh (~420 μ m)	(max)
	0.5% minus 50 mesh (~300 μ m)	(max)
Metals (mg/dry kg)		
Copper	10	(max)
Iron	50	(max)
Sodium	50	(max)