



Graver Technologies

Product Specification

GRAVEX[®] GR-2-5 SG Morpholinium

Spec No.	GTS-25-SG-M
Rev No.	2
Date	November 3, 2016

Properties

Limits

Resin Type	Strongly Acidic Macroporous Cation Exchange Resin	
Functionality	Sulfonic Acid	
Matrix	Styrene Divinylbenzene	
Total Exchange Capacity	1.6 meq/mL (H Form)	(min)
Ionic Conversion	90% Morpholinium	(min)
Particle Size	2% plus 16 mesh (~1,190 µm)	(max)
	5% minus 40 mesh (~420 µm)	(max)
	0.5% minus 50 mesh (~300 µm)	(max)
Friability	350 g/bead, avg	(min)
	95% >200 g/bead	(min)
Whole Bead	95%	(min)
Metals (mg/dry kg)		
Aluminum	50	(max)
Calcium	50	(max)
Copper	10	(max)
Iron	50	(max)
Lead	10	(max)
Magnesium	50	(max)
Potassium	50	(max)
Sodium	20	(max)
Zinc	50	(max)