



Graver Technologies

Product Specification

GRAVEX® GR-2-5 CG Condensate Grade Hydrogen

Spec No.	GTS-25-CG
Rev No.	0
Date	January 17, 2019

Properties	Limits
Resin Type	Strongly Acidic Macroporous Cation Exchange Resin
Functionality	Sulfonic Acid
Matrix	Styrene Divinylbenzene
Total Exchange Capacity	1.7 meq/mL (Cation) (min)
Ionic Conversion	99% Hydrogen (min)
Water Retention Capacity	50-56%
Particle Size	0.52 - 0.70 mm Effective Size 1.6 Uniformity Coefficient (max) 0.5% minus 50 mesh (~300 µm) (max)
Whole Uncracked Bead	95% (min)
Friability	350 g/bead avg 95% ≥ 200 g/bead
Swelling Na to H	~ 8% (max)
Density	~ 1.15 g/mL
Impurities (mg/dry kg)	
Aluminum	40 (max)
Calcium	50 (max)
Copper	10 (max)
Iron	50 (max)
Lead	10 (max)
Magnesium	50 (max)
Potassium	40 (max)
Sodium	50 (max)
Zinc	50 (max)
Shipping Weight	46 lbs/CF (740 g/L)