



Graver Technologies

Quality Department

**POWDEX[®]
PREMIX 42H
HYDROGEN/HYDROXIDE
FORMS**

SPEC NO	GTS-PM-42H
REV NO	4
DATE	March 15, 2006

PROPERTIES

SPECIFICATIONS

Resin Type	Strongly Acidic Cation Exchange Resin Strongly Basic Anion Exchange Resin
Functionality	Sulfonic Acid Quaternary Ammonium
Matrix	Styrene-Divinylbenzene
Total Moisture	73% (max)
Total Exchange Capacity	4.8 meq/dry g (Cation) (min) 4 meq/dry g (Anion) (min)
Percent of Sites	99% Hydrogen (min) 95% Hydroxide (min) 1% Chloride (max)
Settled Volume/ Turbidity	30% (V/V) (min) 15 NTU (max)
Metals (mg/dry kg)	100 Sodium (max) 100 Aluminum (max) 50 Iron (max) 10 Copper (max)