



**Graver Technologies**

**Quality Department**

**POWDEX<sup>®</sup>**  
**PREMIX 82H**  
**HYDROGEN/HYDROXIDE**  
**FORMS**

<b>SPEC NO</b>	GTS-PM-82H
<b>REV NO</b>	3
<b>DATE</b>	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) 50 Iron (max) 10 Copper (max)