



Graver Technologies

Product Specification

POWDEX[®]
PREMIX 22H
Hydrogen/Hydroxide

| | |
|----------|---------------|
| Spec No. | GTS-PM-22H |
| Rev No. | 3 |
| Date | June 13, 2012 |

Properties

Limits

| | | |
|--------------------------|---|-------------------------|
| Resin Type | Strongly Acidic Cation Exchange Resin Strongly Basic Type 1 Anion Exchange Resin | |
| Functionality | Sulfonic Acid / Quaternary (tri-methyl) Ammonium | |
| Matrix | Styrene Divinylbenzene | |
| Cation:Anion Ratio | 1:1 Dry Weight | |
| Total Moisture | 73% | (max) |
| Total Exchange Capacity | 4.8 meq/dg (Cation) 4 meq/dg (Anion) | (min) (min) |
| Ionic Conversion | 99% Hydrogen 95% Hydroxide 0.5% Chloride | (min) (min) (max) |
| Settled Volume/Turbidity | 30% (V_{15}/V_0) 15 NTU | (min) (max) |
| Metals (mg/dry kg) | | |
| Copper | 10 | (max) |
| Iron | 50 | (max) |
| Sodium | 50 | (max) |