

# Typical Product Specifications & Properties

## Magnesium Aluminum Co-dried Powder C220

**CAS Number: : 1344-28-1; 1309-42-8**

| Specifications                  | Limits                                  |
|---------------------------------|-----------------------------------------|
| SO4                             | 0.6% Max.                               |
| As                              | 5ppm max.                               |
| Cl                              | 0.85% Max.                              |
| Heavy Metals                    | 50 ppm max.                             |
| Bulk density, loose             | 0.2 - 0.3 g/ml                          |
| Assay                           | 40-44% Al2O3 6-9% MgO                   |
| Ph - stat test                  | min. 70 ml/ 120 ml/ 270 ml 0.1 n HCl    |
| Tests ACC. Ph. EuR. II BP 88    | min. pH 1.8/2.3/3.0 max. 40/ max. 35 ml |
| pH                              | 10 Max.                                 |
| Na                              | 2.5% Max.                               |
| Acid Neutralizing Capacity, USP | 25 meq/g Min.                           |
| Bulk Density, tapped            | 0.3 - 0.4 g/ml                          |

| Specifications             | Limits          |
|----------------------------|-----------------|
| Rosett - Rice titration    | Min. 30 minutes |
| Loss on Drying (105°C/ 2h) | Approx. 10%     |