



Magnesium Oxide Type N50

APPEARANCE

White Powder

SPECIFICATION

| | | |
|-------------------|-----------|-------------------|
| MgO ignited basis | 97.5 | % minimum |
| CaO | 1.0 | % maximum |
| Fe | 0.07 | % maximum |
| SO ₃ | 0.85 | % maximum |
| Cl | 0.2 | % maximum |
| Mn | 0.006 | % maximum |
| Insoluble in HCl | 0.1 | % maximum |
| Loss on drying | 1.0 | % maximum |
| Loss on ignition | 8 | % maximum |
| Activity (BET) | 130 – 165 | m ² /g |
| + 150 microns | 0 | |
| + 75 microns | 0.1 | % maximum |

TYPICAL PROPERTIES

| | | |
|------------------------------------|--------|---------|
| + 45 microns | 0.005 | |
| Apparent Density | loose | 220 g/l |
| | Tapped | 380 g/l |
| Particle size distribution – laser | | |
| - 3 microns | 50 | % |
| - 10 microns | 99 | % |
| - 15 microns | 100 | % |
| Average particle size | 3 | microns |

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification.

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