

Sinomag 90%

0.3-2mm

| CAS N° | EINECS N° | Chemical formula | Feed material catalogue number |
|-----------|-----------|------------------|--------------------------------|
| 1309-48-4 | 215-171-9 | MgO | 11.2.1 |

Manufacturing process

Calcination of natural magnesium carbonate (MgCO₃).

Chemical specifications

| Parameters | Typical values | Guaranteed | Analytical methods |
|--|----------------|-----------------------|-----------------------|
| Magnesium oxide - MgO as is / | 91.0% / 93.8% | 90.0% min / 92.8% min | EDTA complexometry / |
| Magnesium - Mg as is / loss free | 54.9% / 56.6% | 54.3% min / 56.0% min | EDTA complexometry / |
| Calcium oxide - CaO | 1.3% | | EDTA complexometry |
| Iron oxide - Fe ₂ O ₃ | 1.5% | | ICP Atomic Absorption |
| Aluminium oxide - Al ₂ O ₃ | 0.1% | | ICP Atomic Absorption |
| Silicium oxide - SiO ₂ | 2.5% | | Gravimetry in HCl |
| Loss on ignition | 3.1% | | Calcination at 1000°C |

Physical specifications

| | |
|---------------------------|---------------------------------|
| Appearance | Micro-granules |
| Density tapped / untapped | 1.28 / 1.09 |
| Particle size | 0.3 - 2 mm 20 % max < 0.3 mm |

Packaging

Bulk, 25kg bags, 1,000kg totes