



## Leader for processing of pure magnesium and magnesium alloys.

### Opta Minerals your source for:

Magnesium CHIPS - TURNINGS

Magnesium GRANULES

Magnesium GRANULES, COATED

Magnesium POWDER

### Contact Us

Our sales team is ready to help you to determine the right product for your job.

For more information please call us:

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Visit: [www.optaminerals.com](http://www.optaminerals.com)

Opta Minerals, Romans sur Isère is the European leader for processing of pure magnesium and magnesium alloys.

Using our very own method, we produce spherical granules, particulates and high purity powders. Different particle shapes and sizes are manufactured to the specifications of our customers.

- Opta Minerals uses state-of-the-art technologies. Fully automated mechanical granulation installation : high-power milling, grinding, ultrasonic sieving, mixing, etc.
- Control laboratory for chemical analysis, particulate size analysis, (conventional and laser diffraction), flowability tests, etc.
- High production capacity.
- Production and quality control run 24 hours a day, 6 days a week.
- Specialists in customized sieving for reactive metal powders (aluminium, magnesium).

### Opta Minerals and the environment

Our plant is a registered site (Authorization n°6397 dd 05/11/97). Stringent safety rules are followed in accordance with DRIRE (Direction Régionale de l'Industrie, de la Recherche et de l'Environnement). Our operations are strictly in accordance with European safety standards.

ISO 9001:2000 certified for production and trade of magnesium turnings, granules and powders (magnesium, calcium) and non ferrous metals (aluminium, silicon).

### OUR PRODUCTS

High purity magnesium particulates appropriate for chemical industries and particularly for "Grignard reagents". We obtain different shapes and sizes suitable for organomagnesium products used for organic synthesis in production of vitamins, pharmaceutical products, animal nutrition, synthesized flavors, fragrances, etc.

Product Name	Profile
MSDS	
Magnesium CHIPS - TURNINGS	Production of Grignard reagents in organic synthesis chemistry
Magnesium GRANULES	Desulphurization of hot metal in steel plant, Cored wire feeding
Magnesium GRANULES, COATED	Desulphurization of hot metal in steel plant
Magnesium POWDER	Pyrotechnics, chemistry of polyethylenes, additives for refractory products, welding electrodes

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**OTHER USES:**

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- Magnesium powders - pyrotechnics, chemistry of polyethylene
- Pure magnesium granules or alloys are used in hot metal desulphurization of iron, especially for injection in ladle desulphurization processes. These granules are manufactured to meet steel plant requirements (blends, injection parameters, etc.)
- Special granules used for injection and production of magnesium alloys parts. Also used in thixomoulding in order to produce mobile phone casings, computer casings and other parts in magnesium alloys.