



Magnesium

Rossborough
(an Opta Minerals Company)
- your source for Hot Metal
Desulfurization Reagents:

Magnesium Reagent 80/10/10

Magnesium Reagent 90/10

CAM 5

Lime / Spar

Perlite

Ilmenite

XR-42 NS

XR-43 NS

XR-50 FL

XR-71 NS

Magnesium

Contact Us

Contact us today and let our experienced sales team help you find the right product that meet your needs.

Toll-Free: 1 (800) 321-2282
Tel: 1 (330) 659-3003
E-mail: info@rossborough.com

www.rossborough.com

MAGNESIUM POWDERS

APPLICATION

- Fireworks munitions
- Used as heat sources for "ready-to-eat" meal pouches

THIXALLOY CHIPS

APPLICATION

- Engineered chips of magnesium alloys are raw material molded through Thixo Molding Machinery into: power tools, cameras, laptops, medical equipment, cell phones, automotive parts etc.

ADVANTAGES

- Lower weight, high strength
- Resistance to electromagnetic interference
- Reduced porosity
- Allows for thin walls
- Allow for net-shape forming of parts
- Combines die-casting and plastic injection Molding into one step

CHIP ATTRIBUTES

8 mesh	15%
10 to 14 mesh	80 % cumulative
18 mesh	5%

Ideal chip size: 1.5mm x 1.5mm x 5mm
Most Common Mg Alloys AZ91D, AM60, AM50.

GRIGNARD REAGENT

ADVANTAGES

- Grignard Reagents are used in pharmaceutical and petro chemical applications.

CUSTOM BLENDS

Mechanical Blends of Magnesium granules can be custom produced in combination with other metals and alloys, such as Aluminum, Zinc, Titanium etc. for various industries and uses.

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