

Cerium Misch Metal

Preconditioning

Application

If cerium misch metal is not introduced with a pre-conditioning alloy, the use of cube-shaped pieces of cerium misch metal is suitable. Cerium misch metal is also used for modification of the graphite in the cast iron in order to achieve cast iron with vermicular graphite or compact graphite.

Reference analysis

Cerium misch metal (CerMM): min. 98.5%

100% cerium-MM contains:

% Ce 60 - 70

% La 30 - 35

Melting point

790 – 1010°C (cerium misch metal)

Size / Shape

approx. 30 g (20 – 80 g) trapezoidal
approx. 50 g (30 – 100 g) trapezoidal

Packaging

- Small quantities separately packed
 - 50 kg steel drums on pallet
- The containers are covered with a protective film.

Shelf life and transport

Cerium misch metal can be stored indefinitely. The effects of humidity are to be avoided. Relevant hazardous substance regulations must be complied with. Our Shipment Handling department can provide further information. Cerium misch metal is not a hazardous substance as defined by transport regulations.

Technical properties & economic benefits:

- Preconditioning of molten cast iron
- For adding cerium misch metal to molten cast iron

Product Management Metallurgy

Info.Metallurgy-de@ask-chemicals.com

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