

# DEKASTAN 08

## Inoculation Alloys

### Application

The inoculant Dekastan 08 has been specially developed for pearlitic types of cast iron. The use of Dekastan 08 enables the addition of tin and inoculation in one step, thereby increasing the process reliability and its effectiveness.

### Reference analysis

% Si	61 – 69
% Sn	10 – 12
% Ca	0.5 – 1.5
% Al	max. 0.8
% Fe	residual

### Addition rates

Corresponding to the respective conditions, the addition rate is approx. 0.05 – 0.5% by weight. The addition rate depends on the nucleation state of the molten metal and the casting requirements.

### Sizing

0 - 1 mm (In stream inoculation)

### Packaging

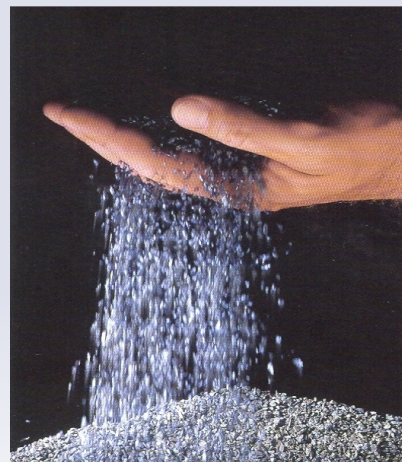
- 100 kg steel drum on pallet
- The containers are covered with a protective film.

### Shelf life and transport

Dekastan 08 can be stored indefinitely in its original packaging. The effects of humidity are to be avoided. Relevant hazardous substance regulations must be complied with. Our Shipment Handling department can provide further information. Dekastan 08 is not a hazardous substance as defined by transport regulations.

### Technical properties & economic benefits:

- Long-lasting inoculation effect
- Alloying and inoculation in one step
- Assists pearlite formation
- Low consumption
- Uniform graphite precipitation
- Improved mechanical properties



### Product Management Metallurgy

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