

MODIFIKATOR SL - 3

INOCULANTS FOR GRAY CAST IRON

DESCRIPTION

MODIFIKATOR SL -3 contains a high portion of graphite, which quickly disperses in melt and therefore the graphite in gray cast iron precipitates acceleratory. It contains calcium which is inevitable for forming nuclear and it accelerates the nucleation.

MODIFIKATOR SL -3 is applicable for hypoeutectic gray cast irons with lamellae graphite.

Excellent characteristic of **MODIFIKATOR SL -3** is that it gives lower hardness at the same strengths in comparison to inoculants with zircon.

USE

The addition of the inoculant depends of metallurgy conditions of melt and temperature, way and place of inoculation. 0,1 to 0,5 % of inoculant is used.

PACKING

Inoculants are packed in natron bags with polyethylene bags inside at net 40 kg each. 25 bags are packed on the pallet, wrapped with PVC foil.

STORING AND TRANSPORT

MODIFIKATOR SL -3 must be stored in covered, dry stores, protected against atmospheric influences. No ignition sources, open fires and smoking are allowed in its surrounding.

According to the European regulation for international road transport, **MODIFIKATOR SL -3** is a dangerous substance. It is classified in ADR Class 4.3, packing group III. Amount allowed to be carried by vehicles without ADR equipment is 1000 kg max.

PROPERTIES

| | |
|----------------|---|
| Physical state | dark gray dust with insignificant odour |
| Ca content | 8 – 9 % |
| Si content | 50 – 55 % |
| C content | 20 – 22 % |
| Granulation | 0,4 – 6,00 mm |