



## **MEXMAPK® (MEKHMAR) MASTER ALLOY FOR CAST IRONS**

The grades of this master alloy are as follows:  
MEXMAPK® 45, MEXMAPK® 50, MEXMAPK® 60, MEXMAPK® 60M

These products are used for treatment of base irons in ladles. Their use makes it possible to produce castings having a uniform pearlitic matrix and increased hardness. Microalloying of irons with **copper and tin** improves the mechanical properties of irons and makes their pearlite and graphite more refined.

**Standard sizes:** 0-10 mm, 0-20 mm

**Consumption of master alloys** introduced into molten metal as it enters a ladle depends on what mechanical properties are required.

**Packaging:**

- PE-lined big bags with capacities of 0.5 and 1.0 tons
- Paper bags with capacities between 5 and 25 kg
- Cored wires

## **ALL-PURPOSE REFESIL® MASTER ALLOYS WITH REM**

Fe-Si-based **master alloys with REM** are used for ladle treatment of irons and steels.

**Their use makes it possible to:**

- obtain a vermicular graphite structure of iron
- treat steel
- treat grey iron:
  - carry out graphitization
  - carry out deep desulphurization of iron
  - remove detrimental impurities from melts

**Sizes:** 1-20 mm

**Consumption of master alloys** to be introduced into the melt depends on the degree of its contamination with such elements as S (sulfur), P (phosphorus), Sb (stibium), Cr (chromium), V (vanadium).

**Packaging:**

- PE-lined big bags with capacities of 0.5 and 1.0 tons
- Paper bags with capacities between 5 and 25 kg