

IZOLACIJSKE KAPE - INPUTS

THERMO-ISOLATION COATINGS FOR MOLD INPUTING – HEAD ISOLATION OF STEEL INGOTS

DESCRIPTION

IZOLACIJSKE KAPE are before - shaped fire resistant hoops which are applicable for thermal insulation and forming of heads at conventional casting of blocks – ingots.

They are based on high refractory fillings, fibers and binders. Regarding special customers requests we develop and produce shape-, dimension- and functional- adjusted **IZOLACIJSKE KAPE**, in isolation or exothermic – isolation quality.

USE

IZOLACIJSKE KAPEs are intended for inputting in permanent steel form – mold. To prevent lifting we consolidate it with then wedge. Shapes and dimensions of cap is calculated based on dimensions of ingot or mold, type of steel and way of casting.

After casting, the upper surface must be powdered with **LUNKERIT**. Addition and type of **LUNKERIT**, and the way of adding it depends on the way of casting, casting temperature and volume of ingot head. For standard use we recommend exothermic-isolation **LUNKERIT 303G**.

PACKING

IZOLACIJSKE KAPEs are usually packed on pallets covered with foil, or by customer request.

STORING AND TRANSPORT

They must be stored in dry and covered stores. If they are wet they can lose their strength and they can crack or explode in contact with steel, because of the intensive development of water steam.

According to the European regulations for international road transport of dangerous goods, **IZOLACIJSKE KAPEs** are not a dangerous substance.

PROPERTIES

Moisture	1,0 % max
Fatigue resistance	100 N/cm ²
Density	0,6 – 0,9 kg/dm ³