

VISK 10

FLUX FOR CUPOLA FURNACES

DESCRIPTION

VISK 10 is a bright brown colored briquetted flux for cupola furnaces.

PURPOSE OF USE

VISK 10 is charged in cupola furnace to reduce the slag viscosity. It improves carburization of iron melt, reduces silicon and manganese losses, and increases melt temperature in the furnace.

ACTION

Flux reduces the slag viscosity. Thus contact between coke and molten metal is improved which enables better carburization of iron. Limestone which was already converted into lime melts off faster and thus burning of limestones progresses faster. Smaller additions of limestone are needed, but the slag is nevertheless easily flow-able.

Due to changed composition of slag and faster subsidence of burden through the melting zone the losses of silicon and manganese are reduced.

INSTRUCTIONS FOR USE

VISK 10 is charged into the furnace together with limestone and coke. Usually 0,3 to 0,5 % of flux, calculated to the amount of metal in the burden is sufficient.

STORING AND TRANSPORT

VISK 10 must be protected against direct moistening since it disintegrates into powder, therefore it must be stored in covered stores and transported in covered transport vehicles.

According to the European regulations for international road transport of dangerous goods, **VISK 10** is not a dangerous substance.

PROPERTIES

Briquette mass	0,65 to 0,75 kg
Moisture content	0,2 % max