

REFLOY[®] AND REFLOY[®]FM BRIQUETTED REFINERS AND DESULPHURISERS

Purpose

This is a new product developed by NPP. It may be used in the making of steel and iron as a silicon-containing charge material instead of the ferrosilicon FeSi45 grade.

REFLOY[®] and REFLOY[®]FM are produced in the form of briquettes up to 60 mm in size.

Applications

In addition to using REFLOY[®] ferrosilicon for alloying irons with silicon, it is also used as a refiner due to its effect on the melt that contributes to the partial removal of dissolved sulfur. This can be accounted for by the fact that it contains chemically active AEM and REM.

The REFLOY[®]FM product has a higher content of active Mg as compared to its REFLOY[®] counterpart, and as a result it has a stronger desulphurizing effect.

Both the REFLOY[®] and REFLOY[®]FM products make it possible to reduce the costs of desulphurization and graphitization as deleterious impurities can be removed from molten metal during the melting process.



REFLOY[®]F briquettes



Take into account the sulphur content in metall before its modifeir treatment! The high sulphur content in metall leads to neutralization of magnisium in modifier.