

Magnesia metallurgical flux FluMag®

Description

Highly effective magnesian metallurgical flux with trademark FluMag® is a lump (not briquetted) roasting free fireproof material. Flux is produced from natural mineral brucite by selective extraction followed by X-ray radiometric separation in chemical composition and separation by fractional composition.

Application

Used for improving of slag formation and correction of magnesium oxides in converters, electric arch and blast furnace.

Properties

Parameter	Specification
MgO/Mg(OH) ₂ , %	58.0/84.1 min.
CaO, %	5.0 max.
SiO ₂ , %	6.0 max.
Fe ₂ O ₃ , %	1.0 max.
S, %	0.03 max.
P ₂ O ₅ , %	0.03 max.
Loss of Ignition (LOI)	35 max.
Particle Size Distribution, %:	
> 40 mm	10.0
< 10 mm	10.0

Storage

The shelf life is 5 years from date of manufacturing, while maintaining the tightness of packing

Packing

In bulk, big bags

Safety

Refers to low-hazard substances; fire- and explosion-proof, non-toxic

Transportation

Transported by all modes of transport in accordance with the rules of transportation of goods that operate in this mode of transport