



CERAFLUX

An ISO 9001 Certified Company

**"The Only Indian Company Manufacturing
Wide Range of Metallurgical Products "**

CERAFLUX- FUSED REFINING FLUXES

(Sodium, lithium, and calcium removal flux for aluminium and aluminium alloys)

PRODUCT:

CERAFLUX FUSED REFINING FLUXES are a synthetic anhydrous carnallite (KMgCl_3 , K_2MgCl_4 , $\text{K}_3\text{Mg}_2\text{Cl}_7$) in fused granular form. They react quickly to efficiently remove sodium, lithium and calcium from primary molten Al and Al-Mg alloys.

ADVANTAGES -

- Sodium free, sulphate free, nitrate free, fluoride-free
- Low melting point for rapid dissolution/dispersion.
- Once on the surface, prevents hydrogen pick-up.
- Less hygroscopic than MgCl_2

APPLICATION

To remove alkali elements from molten aluminium in the melting or holding furnaces., Add refining fluxes in the solid charge or on the heel, just before adding the liquid charge. Stir the metal with nitrogen or argon gas for effective removal of alkali elements, hydrogen and inclusions.

GRADES	CERAFLUX-400F	CERAFLUX-430F	CERAFLUX-600F
Colour	White to greyish	White to greyish	White to greyish
Appearance%	Granulated	Granulated	Granulated
MgCl₂%	40 min.	43 min.	60 min.
KCl	59 min	56 min.	39 min.

ADDITION RATE:

0.25 to 1.5 kg/MT (The addition rate of **CERAFLUX FUSED REFINING FLUXES** will depend on the initial and targeted levels of Na, Li and Ca).

STANDARD PACKAGING:

- 5 kg plastic bags in a 25,50 Kg HDPE bag.
- 5 kg plastic bags in a 25 Kg HDPE carboy.

SHELF LIFE:. 12 months from date of manufacturing in closed intact packing kept in cool and dry place.

PRECAUTION: Flux is highly hygroscopic in nature to be store in dry place. Close opened bags or storage bins tightly after use.

NOTE:- Above information is true and accurate based on controlled laboratory testing. However user is responsible for determining suitability for application at their end. No guarantee is implied since the condition in actual use differs widely & beyond our control.

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