

Chemical composition

Potassium fluoroaluminates and $\text{Cs}_2\text{KAl}_3\text{F}_{12}$, Co-precipitated product with the Cs completely incorporated in the Cs-K-Al-F matrix.

Application

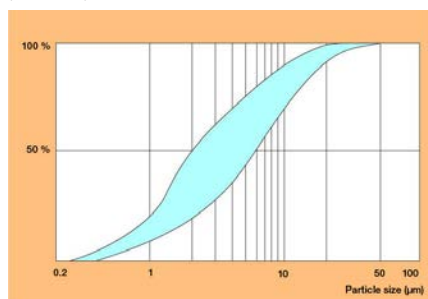
Brazing and fluxing agent for CAB brazing of aluminium.
Non-corrosive flux with excellent oxide removal capability, specifically for brazing magnesium-containing aluminium alloys (i.e., AA 6063)

Characteristics

Appearance:	white powder
K	27 – 30 %
Al	16 – 18 %
F	49 – 53 %
Cs	≥1.8 %
Fe	max. 0.03 %
Ca	max. 0.2 %
Bulk density	350 – 550 g/l
Freezing point	558 – 566 °C
LOH	max. 2 %

Particle Size Distribution

(X 50 %): 2 – 6 µm



Application Tests

- Fillet test
- Colour test
- Magnetic particles test
- Black residue test

Packaging

25 kg paper bag with inner PE liner on CP3-pallet

Units	40
Height	1,400 mm
Width	1,140 mm
Depth	1,140 mm
Gross weight	1,028 kg



40 kg fibre drum with inner PE bag on CP3-pallet

Units	9
Height	950 mm
Width	1,140 mm
Depth	1,140 mm
Gross weight	407 kg



Storage, Handling

Fluxes should be stored in dedicated areas prior to use.

If stored in original packaging, shelf life is unlimited.

Select processes and equipment that minimise manual handling and aerosol generation.

Classification

Products are classified as hazardous according to the European regulation (EC) 1272/2008 (GHS)

Detailed information can be found in the relevant Safety Data Sheet (SDS).

MANAGEMENT SYSTEM

DQS – certified according

IATF 16949

ISO 9001 : 2015

ISO 14001 : 2015

ISO 50001 : 2018

ISO 45001 : 2018

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