

Chemical composition

Potassium fluoroaluminates
 $K_{1-3}AlF_{4-6}$

Application

Brazing and fluxing agent for CAB brazing of aluminum.
 Non-corrosive flux with excellent oxide removal capability.

Physical Properties

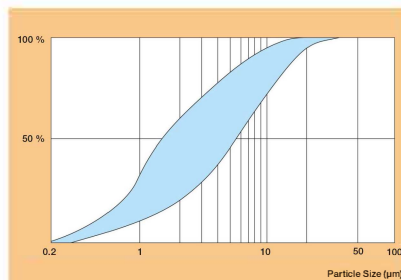
Appearance: white powder
 Density (20 °C): 2.8 g/cm³
 Solubility
 in water (20 °C): 4.5 g/l

Specification

K	28 – 31 %
Al	16 – 18 %
F	49 – 53 %
Fe	max. 0.03 %
Ca	max. 0.1 %
Bulk density:	350 – 550 g/l
Melting point:	560 – 570 °C
LOH	max. 3.5 %

Particle Size Distribution

(X 50 %): 1.5 – 5.5 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

NOCOLOK® is registered trademark of Solvay Fluor GmbH, Germany

Solvay Fluor GmbH

Postfach 220
 30002 Hannover, Germany

www.nocolok.com

Phone: +49 511 857-0
 Mail: emea.fluorides@solvay.com

www.solvay.com

SOLVAY