

Potassium fluoroaluminates
K₁₋₃AlF₄₋₆

Physical Properties

Appearance: white powder
Density (20 °C): 2.8 g/cm³
Bulk density: 350–550 g/l
Melting point: 565–572 °C
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 %
LOH	max. 2.5 %

Application tests

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

Packaging

Paper bag with inner PE liner.
25 kg net weight.

Fibre drum with inner PE bag.
40 kg net weight.

Will be available in the future:
Metal drum with inner PE bag.
135 kg net weight.
Plastic big bag.
1,000 kg net weight.

Application

- **Brazing agent:**
 - as combined brazing and fluxing agent for brazing of aluminum

Classification

REACH Registration No.:
01-2119513404-51

CAS No.: 60304-36-1

Classified as hazardous according to the European regulation (EC) 1272/2008 (GHS)

GHS Labelling:
Signal Word: Danger

Hazard Symbols:
GHS07, GHS08

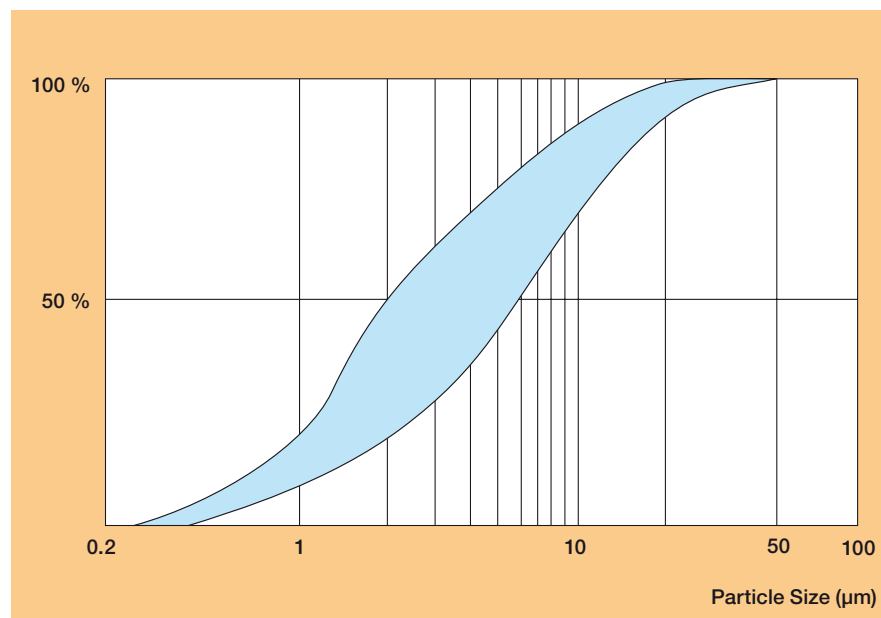
Hazard Statements:
H319, H332, H362, H372, H412

Precautionary Statements:
P260, P 263, P273, P280,
P305+P351+P338,
P308+P313, P501

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

Particle Size Distribution

(50 %): 2–6 μm



NOCOLOK is registered trademark of Solvay Fluor GmbH, Germany

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氟铝酸钾
 $K_{1-3}AlF_{4-6}$

物理特性

外观: 白色粉末
密度 (20°C): 2.8 g/cm³
堆密度: 350–550 g/l
熔点: 565–572°C
水中溶解度
(20°C): 4.5 g/l

规格

K	28–31 %
Al	16–18 %
F	49–53 %
Fe	max. 0.03 %
Ca	max. 0.1 %
LOH	max. 2.5 %

应用测试

- 钎焊结点测试
- 颜色测试
- 磁性粒子测试
- 黑色残留测试

包装

纸袋, PE 内袋净重 25kg
纤维桶, PE 内袋净重 40kg
待定--视将来需求:
金属桶, PE 内袋净重 135kg
大塑料袋 净重 1,000 kg

应用

- **钎焊剂:**
 - 作为铝钎焊的钎焊剂和组合钎焊

分类信息

REACH 号:
01-2119513404-51
CAS 号: 60304-36-1
根据欧洲法规 (EC) 1272/2008
(GHS) 被分类为危险品

GHS 标签:
标记文字: 危险

危害标记:
GHS07, GHS08

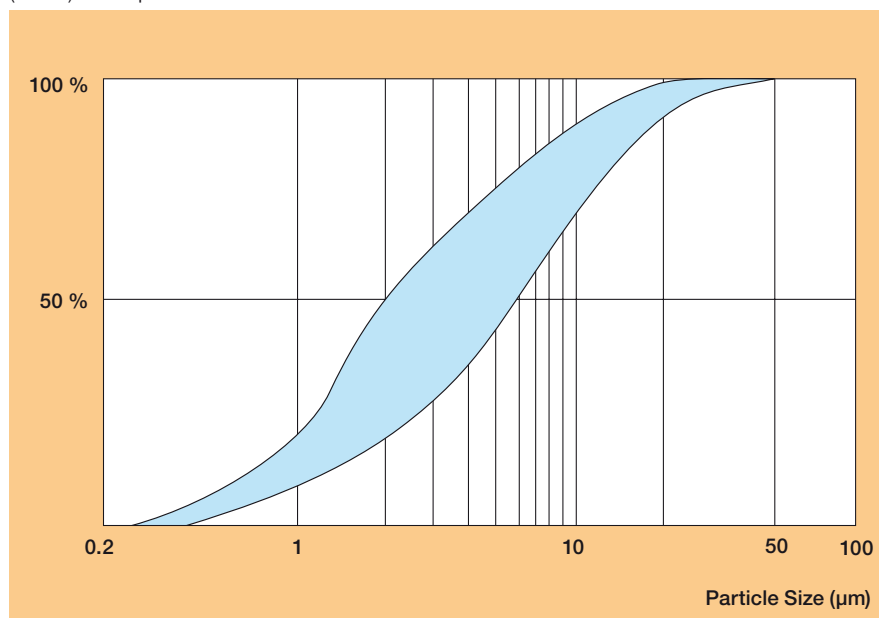
危害声明:
H319, H332, H362, H372, H412

预防声明:
P260, P 263, P273, P280,
P305+P351+P338,
P308+P313, P501

附加信息参照 (SDS)

粒度分布

(50 %): 2–6 μm



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