

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.
10 kg, 15 kg, 25 kg net weight.

Fibre drum with inner PE bag.
40 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

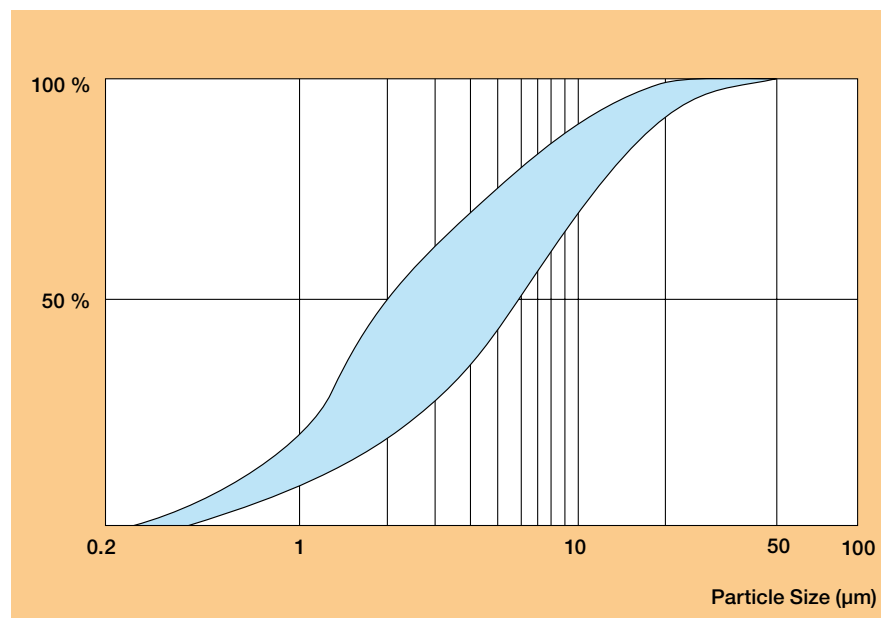
Hazard Statements:
H319, H332, H362, H372, H412

Precautionary Statements:
P260, P263, 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



MANAGEMENTSYSTEM



DQS – certified according
DIN EN ISO 9001:2008
ISO/TS 16949:2009
DIN EN ISO 14001:2004
BS OHSAS 18001:2007

NOCOLOK is registered trademark of
Solvay Fluor GmbH, Germany

Solvay Korea Co., Ltd.

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Potassium fluoroaluminates
K₁₋₃AlF₄₋₆

물리적 특성

외관: 백색 분말
밀도 (20°C): 2.8 g/cm³
부피 밀도: 350-550 g/l
용융점: 565-572°C
물 (20°C)
에서의 용해도: 4.5 g/l

구성성분 및 함유량

K (칼륨) 28-31 %
Al (알루미늄) 16-18 %
F (플루오르) 49-53 %
Fe (철) max. 0.03 %
Ca (칼슘) max. 0.1 %
LOH (열손실) max. 2.5 %

품질검사

- 알루미늄 접합 검사
- 색도 검사
- 자성 입자 검출 검사
- 이물질 검사

포장

비닐(PE) 백
10 kg, 15 kg, 25 kg,
(순수제품중량)
파이버 드럼 (내부 PE bag)
40 kg (순수제품중량)
플라스틱 빅백
1,000 kg (순수제품중량)

용도

- 용융제:
 - 알루미늄 접합용 용융제

Klassifizierung

REACH No.:
01-2119513404-51
CAS No.: 60304-36-1
유럽 규정에 따라 유해 물질로 분류 (EC) 1272/2008 (GHS)

GHS 라벨
신호어: 위험
그림문자:
GHS07, GHS08

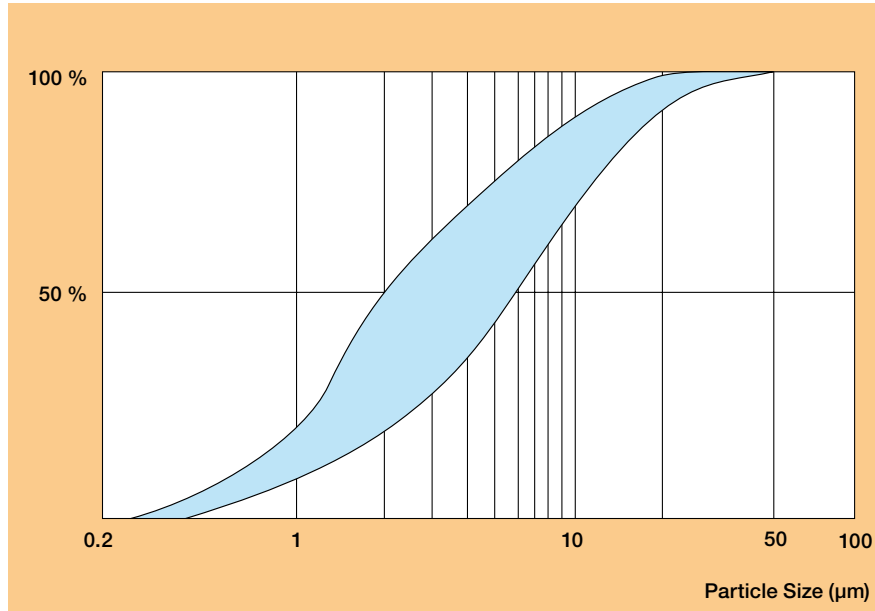
유해위험문구:
H319, H332, H362, H372, H412

예방조치문구:
P260, P263, P273, P280,
P305+P351+P338,
P308+P313, P501

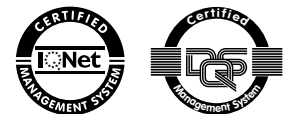
기타 자세한 사항은
물질안전보건자료 (SDS)를 참조.

입도분포

(50 %): 2-6 μm



MANAGEMENTSYSTEM



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ISO/TS 16949:2009
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