



Composition

either 2:1

66.6 % ± 1.5 % NOCOLOK® Flux

33.3 % ± 1.5 % Silicon powder

or 3:1

75 % ± 1.5 % NOCOLOK® Flux

25 % ± 1.5 % Silicon powder

Physical Properties

Appearance: grey powder

Melting range: 564–572 °C

(NOCOLOK® Flux)

Solubility

in water (20 °C): approx. 4.5 g/l

(NOCOLOK® Flux)

Specification

Silicon powder:

Si min. 98 %

Fe max. 1 %

Other traces max. 1 %

NOCOLOK® Flux:

K 28–31 %

Al 16–18 %

F 49–53 %

LOH max. 2.5 %

Packaging

Fibre drum with inner PE bag.

40 kg net weight.

Application

Brazing agent:

- Filler alloy generating flux for brazing aluminum
- Particularly suitable for brazing aluminum without additional filler metal.

Classification

CAS-No.: 60304-36-1

7440-21-3

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

GHS Labelling:

Signal Word: Danger

Hazard Symbols:

GHS07, GHS08

Hazard Statements:

H332, H319, H362, H372, H412

Precautionary Statements:

P260, P280, P273, P263,

P305+P351+P338,

P308+P313, P501

Safety recommendations and additional information can be found in the Safety Data Sheet (SDS).

Silicon powder Particle size distribution

[µm] [% weight]

10–45 > 55

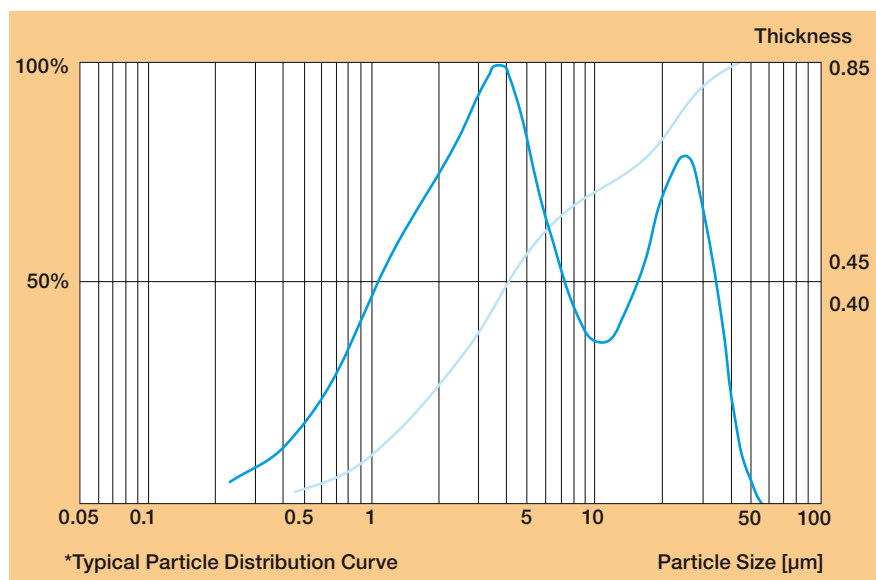
> 74 non detectable

Average particle size: 17.5 ± 5µm

NOCOLOK® Flux Particle size distribution

Average particle size: 2–6 µm

Particle Size Distribution*



MANAGEMENTSYSTEM



DQS – certified according

DIN EN ISO 9001:2008

ISO/TS 16949:2009

DIN EN ISO 14001:2004

BS OHSAS 18001:2007

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成分

或 2:1

66.6% ± 1.5% NOCOLOK® Flux

33.3% ± 1.5% 硅粉

或 3:1

75% ± 1.5% NOCOLOK® Flux

25% ± 1.5% 硅粉

物理特性

外观: 灰色粉末

熔化区间: 564–572 °C

(NOCOLOK® Flux)

水中溶解度

(20 °C): ca. 4.5 g/l

(NOCOLOK® Flux)

硅粉 粒度分布

[µm] [% 重量比.]

10–45 > 55

> 74 未检出

平均颗粒大小: 17.5 ± 5 µm

NOCOLOK® Flux 粒度分布

平均颗粒大小: 2–6 µm

典型分析 (规格)

硅粉:

Si min. 98 %

Fe max. 1 %

其它示踪 max. 1 %

NOCOLOK® Flux:

K 28–31 %

Al 16–18 %

F 49–53 %

LOH max. 2.5 %

包装

纤维桶, PE-内袋 净重 40kg.

应用

钎焊剂:

- 铝钎焊钎料合金生成的钎剂
- 特别适合没有附加钎料金属的铝合金钎焊。

分类信息

CAS 号: 60304-36-1

7440-21-3

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:

H332, H319, H362, H372, H412

预防声明:

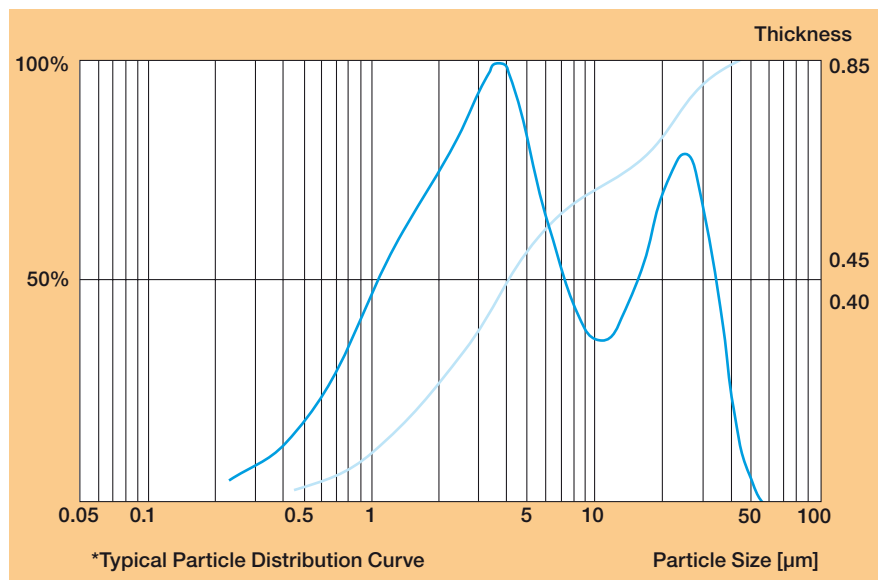
P260, P280, P273, P263,

P305+P351+P338,

P308+P313, P501

附加信息参照 (SDS)

粒度分布*



MANAGEMENTSYSTEM



DQS – certified according

DIN EN ISO 9001:2008

ISO/TS 16949:2009

DIN EN ISO 14001:2004

BS OHSAS 18001:2007

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