



Chemical 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

Application

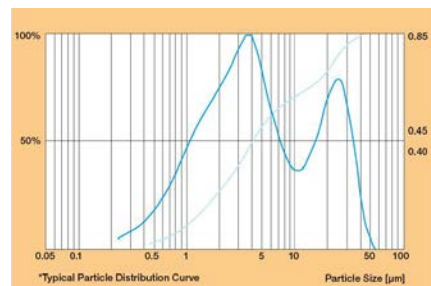
Brazing agent:

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

Physical Properties

Appearance: grey powder
 Melting range: 564–572°C (NOCOLOK® Flux)
 Solubility
 in water (20°C): approx. 4.5 g/l (NOCOLOK® Flux)

Particle Size Distribution*



*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

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

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, Transport

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

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