



Progress beyond

KBF₄

Potassium fluoroborate

INORGANICS



Applications

- Aluminum-metallurgy: as component in fluxing and grain refining agents for aluminum and magnesium as component in protecting salts for light metal castings
- Production of abrasives: as active filler in resinbonded abrasives for metal treatment
- Production of soldering agents: as component in fluxing agents for soldering and brazing

Classifications

- CAS No.: 14075-53-7
- HS No.: 2826 9080
- Classified as not hazardous according to the European regulation (EC) 1272/2008
- Please see the Safety Data Sheet for safety precautions and additional information

Packaging

Multiple paper bags with inner PE bags, 25 kg net weight and Big Bags 1,000 kg net weight.

Storage

Keep product dry and well in original packaging, closed.

Physical Properties

Values From Literature

	Typical Value	Units
Molecular weight	125.91	g/mol
Appearance	white powder	
Density @ 20°C	2.5	kg/l
Bulk density	1,000 – 1,200	g/l
Melting point/decomposition	530	°C
Solubility in water @ 20°C	4.4	g/l
pH-value saturated solution	3 – 6	
Acidity	max. 0.05	%

MANAGEMENTSYSTEM



DQS – certified according

ISO 50001
 ISO 9001
 IATF 16949
 ISO 14001
 ISO 45001

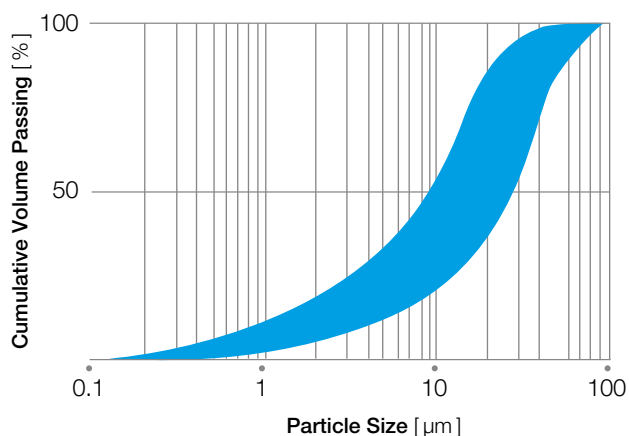
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Typical Analysis

Composition		Typical Value	Units
KBF ₄	min.	98	%
Fe ₂ O ₃	max.	0.01	%
SO ₄	max.	0.02	%
SiO ₂	max.	0.4	%
Cl	max.	0.1	%
Pb	max.	5	mg/kg
H ₂ O	max.	0.1	%

Particle Size Distribution



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