

# Technical data sheet



## JX-PC50 (Precoating Powder)

### SPECIFICATIONS

JX-PC50 is a natural aluminum silicate and has a very low solubility in water. It is a stable, inert and a sterilized mineral and can be used in various applications from pH 1 to 13.

#### Description

Material	Aluminum silicate
Construction	Metal oxide
Color	Off-white

Physical Properties	Unit Metric	Values
Weight	gram/liter	90
Wet cake density	Gram/liter	150 – 170
Floater	wt. %	4 – 6
Moisture (dispatched)	wt. %	< 1
pH		6.5 – 7.5
Average particle size	micron	~ 40

*Chemical Composition	Average (%)
SiO <sub>2</sub>	74 – 77
Al <sub>2</sub> O <sub>3</sub>	12 – 13
TiO <sub>2</sub>	0.10
Fe <sub>2</sub> O <sub>3</sub>	0.50 – 1.00
CaO and MgO	0.8 – 1.5
Na <sub>2</sub> O	3 – 4
K <sub>2</sub> O	4 – 5
Other oxides (max.)	5

\*As mineral, so bound in the crystal structure, non-soluble.

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