

Matting agent

# SIPERNAT® 622 LS

## DESCRIPTION

SIPERNAT® 622 LS is an untreated, finely ground silica. This specialty silica provides good matting efficiency with minimal viscosity increase in printing ink applications.

## KEY BENEFITS

- good dispersability
- universally applicable

## EFFECT

### Matting efficiency



### Transparency



### Viscosity



### Smoothness/Haptic



### Sedimentation behavior



## SUITABILITY

### waterborne



### solventborne



### radiation-curing



### 2-pack coatings



### high solids



### pigmented coatings



### clear coatings



● not suitable ● partly suitable ● suitable

## TYPICAL APPLICATIONS

Printing Inks

## TECHNICAL DATA

DOA absorption	225 ml/100g
loss on drying	< 7.0 %
particle size, d <sub>50</sub>	4.5 μm
pH-value	6.5
SiO <sub>2</sub> content	> 97 %
specific surface area (N <sub>2</sub> )	180 m <sup>2</sup> /g
tamped density	70 g/l

## RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.5 - 15.0 %

## PROCESSING INSTRUCTIONS

- Addition to the coating as supplied.
- At higher dosages, the use of a suitable dispersing additive is beneficial.

## HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

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