

Supersilk

FEATURES AND BENEFITS

Supersilk is an aluminium silicate mineral. It is characterised by its softness and platy or lamellar physical structure. Supersilk offers good dry brightness (whiteness) and chemical stability.

The main uses of Supersilk include:

- ❖ As an inert reinforcing filler in paints, coatings, sealants, mastics and grouts.
- ❖ As a pitch (or stickies) absorbent in the production of paper pulp fibre.
- ❖ In polishes and rubbing compounds.

DATASHEET REVISION

Revision Number	07
Revision Date	07/05/2019

CHEMICAL ANALYSIS

Mean values. These do not represent a specification.

SiO ₂	53.0 %
Al ₂ O ₃	35.0 %
Fe ₂ O ₃	<0.1 %
K ₂ O	<1.0 %
Na ₂ O	<2.0 %
CaO	<0.5 %
TiO ₂	<2.0 %
Others	<1.0 %
LOI	<7.0 %

PARTICLE SIZE ANALYSIS AND PROPERTIES

Mean values. These do not represent a specification.

Trade Names		Supersilk
% Retained @ 45 µm	% weight	** <2.0%
Average Particle Size, d ₅₀	µm	11.2
Oil Absorption	%	35
Reflectance (Opacity Reflectometer)	%	84
Bulk Density (As Packed)	kg/litre	0.43
Specific Gravity	kg/litre	2.70
Hardness	mohs	2.0
Melting Point	°C	>1250
Packaging: 25kg packed bags		Yes

** Quality controlled by means of wet sieve analysis

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