



Touch Chem (M) Sdn Bhd (449639-v)

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Touch SILC 5000

Micronized Glass Powder to improve Paint film hardness

Typical Physical Properties

<u>Item</u>	<u>Typical</u>
% Passing through 5 Micron	97
% Passing through 4 Micron	92
% Passing through 3 Micron	80
% Passing through 2 Micron	60
% Passing through 1 Micron	25
pH	6.2
Specific Gravity	2.65
Median particle size	1.7 μ
Oil Absorption (D-1483)	44
Hegman Grind	7.5
Hardnes (Mohs)	7.0

Typical Chemical Analysis

SiO ₂	98.3%	MgO	0.03%
Fe ₂ O ₃	0.06%	Na ₂ O	0.03%
Al ₂ O ₃	1.1%	K ₂ O	0.03%
TiO ₂	0.02%		
CaO	0.04%		

Description

Touch SILC 5000 is a fine grind glass powder that have high purity crystalline powder. It have consistency of particles size, achieved via proprietary processing technique. The fine structure, the chemicals inertness and the most important the very high hardness, make **Touch SILC 5000** suitable for improving paint film hardness.

Recommended For Use

Touch SILC 5000 is recommended for all solvents based coating system. We recommend a dispersing agent like, EFKA – 4010 20% on **Touch SILC 5000**, in order to achieve a good dispersion and good anti-settling effect. We also recommend to add in **Touch ANSET 3000**, as additional anti-settling agent.

Touch SILC 5000 should not stir under very high sheer force for long time as this will result a very dark color dispersion. This is due to the sharp edges of the glass powder particle that can cut out steel and metal to your dispersion due to it high hardness.

Dosage

8 – 15% based on total formulation in order to achieve the high Hardness.

Storage

Touch SILC 5000 is recommended to store in cool and dry place. Keep out of rain and direct sunlight.

Packaging

22kg paper beg.