

COLLOIDAL- SILICA CSK30

SPECIFICATION

Colour	:	Milky White liquid
Odour	:	Odourless
K ₂ O	:	0.10 % +/- 0.05 % w/w
SiO ₂	:	30.0 % +/- 0.50 % w/w
Total Solids	:	30. % w/w (approx)
Weight Ratio	:	300.0
Molar Ratio	:	470.0
pH	:	9.1 +/- 0.2
Specific Gravity	:	1.20 +/- 0.2 at 25 °C

FEATURES, BENEFITS & APPLICATIONS

- a) CSK30 is potassium stabilized. Hence there is no detrimental effect of Sodium particles. It can be used for surface coating without fear of surface cracks, which happens with sodium particles.
- c) Due to the above mentioned property, it can be mixed with other silicates for various formulations particularly for coating.
- d) Both potassium and silica are beneficial for agriculture.
- e) As additive to cement mix, it results in higher strength of concrete mix. It is used as binder in refractory mortar and specialty cements.
- f) Used as surface treatment for smooth finish on tiles and concrete surface
- g) It is used to make the surface heat resistant.

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