



XINXIANG KOLANKY

The leader of oilfield drilling
and cementing chemicals

Cement Light Weight Additive KOL LW CEM

PROPERTY

Light weight additive KOL LW CEM mainly consists of silica fume. It is a kind of ultrafine powder material, which is produced by rapid oxidation and the formation of condensation with a siliceous SiO₂ and Si oxygen gas and air, in the metallurgical furnace at high temperatures with above 2000 °C.

BASIC DATA

Appearance	Specific gravity
Gray powder	2.30~2.60g/cm ³

TECHNICAL DATA

Items	Indexes
Moisture Content, %	≤0.5
Fineness(0.315 mm sieve residue), %	≤0.5
Density of Cement Slurry, g/cm ³	≤1.60
Free Fluid, %	≤1.4
Sedimentation Test,%	≤2.0
Compressive Strength, MPa/21MPa.24h	≥8.0

FEATURE

Light weight additive KOL LW CEM can fill the voids between the particles of cement. And it could produce gelinite with hydration products; and produce gelinite under the reaction of alkaline material Magnesia. Being used in the cement slurry, it can increased water ratio appropriately, reduce slurry density effectively, increase the density of cement, improved compressive, flexural, impermeability and corrosion resistance significantly and prolong the life of oil and gas wells significantly.

PACKAGE & STORAGE

Sacked with three packages, and 25kg/sack.

Be kept away from moisture and possible damage of the packages in transportation.

Storage life is two years.

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