



XINXIANG KOLANKY

The leader of oilfield drilling
and cementing chemicals

Cementing Early Strength Additive KOL ES CEM

PROPERTY

KOL ES CEM can change ion concentration in cement hydrate to accelerate the acting of C3S、C3A and forming of calcium aluminous stone. So it can densify the structure and enhance early strength.

BASIC DATA

Appearance	Dosage	Fineness (0.315mm sieve residue, %)	Dissolving property	Operation temperature	Operation method
Earth-yellow powder	1.5%-4.0% (BWOC)	≤15.0	Dissolve easily	28℃-110℃ (BHCT)	Dry mix or wet mix

TECHNICAL DATA

Items	Specification	Cement slurry formulations
The ratio of thickening time, （32℃,8.3Mpa）	≤0.5	G Class Cement, W/C: 0.44, Dosage of KOL ES CEM: 2.0 %（BWOC）,Water quality: distilled water.
Initial consistency, （32℃， 8.3Mpa）,Bc	≤30	
Compression strength , (39℃, normal pressure,), 6h	≥4.0	
Ratio of compressive strength, (39℃ , normal pressure,),24h	≥1.0	
Note 1: The ratio of the thickening time refers to with early strength agent of cement slurry thickening time and the ratio of the pure water slurry thickening time.		
Note 2: The ratio of compressive strength refers to the cement with early strength agent added pure net cement slurry and cement stone compressive strength and the ratio of compressive strength.		
Note 3: The contents are the bracket for the test conditions.		

FEATURE

Be applicable to general and low density cement. Be applicable to fly ash low density cement, normal oil cement and floating bead low density cement slurry system

PACKAGE & STORAGE

Be sacked with three packages, 25Kg/sack

Be kept away from moisture, stored in cool and dry situation.

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