



# 河南省新乡市第七化工有限公司

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## High Temperature Oil Well Cement Dispersant DPJ

### 1. Property

It can adjust the electric charge on the surfaces of cement particles to get proper cement rheology. As a result, it can reduce pump pressure, enhance drilling efficiency and used in construction easily.

### 2. Quality Indexes

Items		Specification	
Appearance		Reddish-brown Powder	
Cement Slurry Property	Rheology (85°C.0.1MPa.20min)	n k, Pa.sn	≥0.5 <0.7
	Initial consistency, Bc		≤20.0
	Thickening time,min/85°C.70.3MPa.44min		≥60.0
	Compression strength,Mpa/110°C.21Mpa.24h		≥11.0

The ingredient of the cement in the table is : Jia hua class G cement, water quality: tap-water, W/C :0.44, Dosage of DPJ : 0.5 %( BWOC)

### 3. Application

- DPJ is made of methanal and acetone polymerized and Modified, it appears Orange yellow or reddish-brown powder.
- The normal dosage is: 0.3%-0.8% DPJ (BWOC).
- Dissolve easily
- Increasing additive dosage, it can adjust technology of the cement slurry effectively and reduce the consistency.
- With good high temperature resistance, it can be used within 30°C-180°C(BHCT).
- Consolidate cement stones enhance its compression strength and control fluid loss as certain retarding property.
- Mixed with or without water.

### 4. Storage & Package

Packaging and transport Sacked with three packages, 25kg/sack. Be kept away from moisture and possible damage of the packages in transportation. Stored in cool and dry situation and storage life is two years.