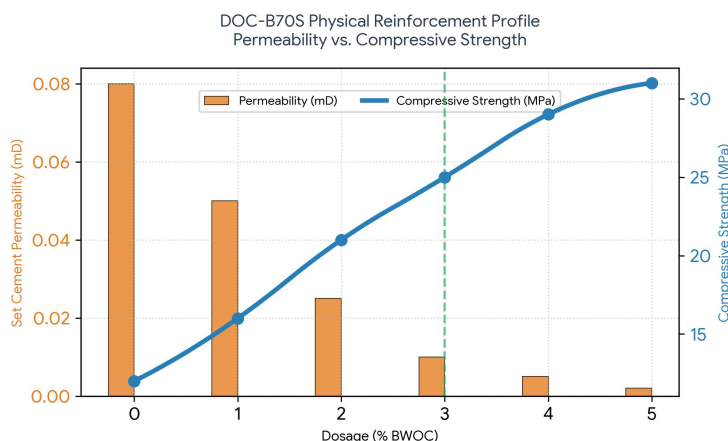


DOC-B70S Compound Anti-Channeling Agent

Wide-Temperature Range Anti-Shrinkage & Early Strength Enhancer

1. Performance Highlight (Permeability & Early Strength)

DOC-B70S acts as a highly effective compound anti-channeling agent. The following chart illustrates how increasing dosage significantly boosts early compressive strength while drastically reducing set cement permeability, achieving optimal gas-stop and anti-shrinkage ability:



2. Features & Benefits

- **Prevents Cement Slurry Shrinkage:** Uniquely formulated to counteract and prevent cement slurry volume shrinkage during hydration, eliminating micro-annuli and ensuring a tight bond.
- **Improves Early Strength:** Exceptionally enhances the early compressive strength development of the cement slurry, shortening the wait-on-cement (WOC) time.
- **Superior Gas-Stop Ability:** Significantly decreases the permeability of the set cement, making the matrix highly compact to block gas channeling effectively.
- **Broad Temperature Range:** Operates reliably in an extremely wide Bottom Hole Circulating Temperature (BHCT) range from 25°C all the way up to 230°C.

3. Technical Specifications

Property Item	Technical Specification / Index
Appearance	White or off-white powder
pH Value	9.0 - 12.0
Main Components	Calcium Oxide (40%), Aluminium Silicate (60%)
Applicable Temperature	25°C - 230°C (BHCT)
Recommended Field Dosage	1.0% - 5.0% (BWOC)

4. Packaging & Storage

- **Packaging:** DOC-B70S is packaged in 25kg bags or packaged per customer request.
- **Storage Conditions:** Store in a tightly closed container within a cool, dry, and well-ventilated area. Keep away from heat, open flames, and direct sunlight.

To obtain the Material Safety Data Sheet (MSDS) or to learn more about laboratory application schemes, please contact us directly: QINGDAO DIMENSIONAL COPOLYMERIZATION ENERGY CO., LTD.

Website: www.dicoenergy.com | Technical Support Email: info@dicoenergy.com