



TODAY'S ALL IS FOR BETTER FUTURE

Chemical Name: Poly (Dimethyl Diallyl Ammonium Chloride)

Synonyms: Curing Agent 5318 in AKD. ZH-5318. PolyDADMAC. PDDA. CALGON261. PDMDAAC.

Structural Formula: $(C_8H_{16}ClN)_n$

CAS No: 26062-79-3

Structure formula :

1 Specification:

Appearance: Light Yellow Viscous Liquid.

Effective Concentration(%): 30.0 ± 1.0 .

PH Value: 2-4.

Viscosity (mPa.s,25°C): 200Max.

2 Usage Formula

2.1 1000Kg of AKD emulsion (Purity:15%)+ 150Kg of aluminum sulfate Solution (Purity: 50%) + 40Kg of PolyDADMAC (Purity: 30%).

2.2: AKD refers: Alkyl Ketene Dimer , CAS No.:144245-85-2

3 Properties

3.1 **PolyDADMAC** contains strong cationic group radical and activated-adsorbent group radical which can destabilize and flocculate the suspended solids and the negative-charged water soluble matters in the waste water through electro-neutralization and bridging adsorption.

3.2 **PolyDADMAC** is very effective in flocculating, decolouring, killing algae and removing organics.

3.3 **PolyDADMAC** enjoys small dosage but can cause big flocs, rapid precipitation and low turbidity residue.

3.4 **PolyDADMAC** is smellless, tasteless and harmless..

4 Packing:

4.1 200Kg Plastic Drums on Pallets;

4.2 1000Kg IBC Drums.

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