

# Eautrix Poly DADMAC

The Eautrix Poly DADMAC coagulants are liquid, cationic polymers with different molecular weights, suitable for various applications. As important coagulants and charge neutralization agents, they work effectively in liquid-solid separation processes.

Chemical Name: Poly(diallyldimethylammonium chloride)

Product ID: Watrech 4016

Synonyms: PDADMAC; PolyDADMAC; PolyDDA; Polyquaternium-6; PQ-6

CAS No.: 26062-79-3

EINECS No.: 230-993-8

Chemical Formula:  $(C_8H_{16}NCl)_n$

## Specification:

Test Item	PD-1	PD-2	PD-3	PD-4
Viscosity (mPa·s)	80-200	200-700	700-1000	1000-3000
Appearance	Colorless to Light Yellow ViscousLiquid			
Content, %	19.0 - 21.0			
pH	3.0 - 7.0			

Test Item	PD-5	PD-6	PD-7
Viscosity (mPa·s)	1000-3000	8000-10000	≥100000
Appearance	Colorless to Light Yellow ViscousLiquid		
Content, %	39.0 - 41.0		
pH	3.0 - 7.0		



Application:

- Waste water treatment
- Drinking water treatment
- Mining
- Paper making
- Textile industry
- Oil industry

Features and Benefits:

- Easy to dilute and feed
- Lower your cost – effective at low dosage levels
- Effective over a wide range of pH
- No change of system pH after use
- Reduce consumption of inorganic coagulants
- Good solubility
- Resistant to chlorine

Direction to use:

For various applications, the dosage depends on turbidity and concentration of water to be treated.

Packing:

1000Kg IBC / 200Kg Drum / 25kg Drum

Handling and Storage:

Keep in cool, dry, ventilated and lightless place. Refer to Material Safety Data Sheet for more information.

Shelf life:

24 Months

Service Availability:

Formulating & Mixing / Private Labeling / Custom Packaging

Version: 2.1

Date: 2021.03.06

Updated since last version: Service Availability added

