

PolyDADMAC Powder

CAS No. 26062-79-3

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

Property:

The product is a strong cationic polyelectrolyte, it ranges in color from white to light yellow and the shapes are solid beads or flakes powder. The product is soluble in water, nonflammable, safe, non-toxic, high cohesive force and good hydrolytic stability. It's not sensitive to pH change, and it has a resistance to chlorine. The bulk density is about 0.72 g/cm³, the decomposition temperature is 280-300°C.

Specifications:

Code\Item	Appearance	Solid content (%)	Rotary viscosity (10% solution)
ACBP 01	White beads	≥ 88	>200cps
ACBP 02	White beads	≥ 88	≤ 200cps
ACFP 01	White powder	≥ 88	As required
ACFP 02	Light yellow powder	≥ 88	30-100cps

Use:

- 1) Cationic flocculent in wastewater treatment, mining and mineral processing process.
- 2) Formaldehyde-free fixing agent in textile industry.
- 3) Anionic trash catcher, Cationic polymer emulsifier, and AKD sizing promoter in papermaking.
- 4) Clay stabilizer in drilling, Acidification fracturing cation modifier in water injection, Oil water separator, in oil field industry.
- 5) Conditioning agent, Antistatic agent, Humidifying agent, Shampoo and Skin emollients, etc.

Package:

20Kg or 25Kg per Kraft bag

Storage and Transportation:

Pack and preserve the product in a sealed, cool, dark and dry condition, and avoid contacting strong oxidants.

The term of validity: One year.

Transportation: Non-dangerous goods.

