



BLU DA 40 SERIES

POYDADMAC DA402

CHEMICAL NAME:	Poly(dimethyldiallylammonium chloride) (Shortened PolyDADMAC or PDADMAC)
CAS NO.:	26062-79-3
DESCRIPTION:	BLU DA402 is 40% solid content PolyDADMAC. It is a liquid cationic polymer of medium molecular weight, with a high charge density. The charge density makes it well suited for flocculation. PolyDADMAC is widely used in drinking water treatment, wastewater treatment, textiles, cosmetics, mining (coal, gold, diamonds, etc.), paper-making, soil treatment, the oil industry, etc.
ADVANTAGES:	<ul style="list-style-type: none">• Liquid form makes it is easy to use.• It can be used alone or in combination with inorganic coagulants, such as Poly Aluminum Chloride.• Nontoxic of suggested dosage, economical and effective at low levels.• Can eliminate the use of alum & further ferric salts when used as primary coagulants.• Reduction in sludge of dewatering process system• It is adaptable to wide range of pH value, between 0.5 and 14.
APPLICATION FIELDS:	<ul style="list-style-type: none">• Drinking water treatment and wastewater treatment• Textiles• Mining (coal, gold, diamonds etc.)• Paper-making• Oil industry• Sludge dewatering

DA402 TYPICAL PROPERTIES:

Items	Data
Appearance:	Clear, Colorless to Light Yellow, Transparent Colloid
Charge:	Cationic
Relative Molecular Weight:	Medium
Specific gravity at 25 °C:	1.01-1.10
Solid Content:	39.0-41.0%
pH value:	3-7
Brookfield Viscosity (25 °C,cps)	500—1000

APPLICATION:

- For water treatment, suggested to use it mixed compatible with Poly Aluminium Chloride for water treatment of turbid river and tap water etc.
- When used alone, it should be diluted to the concentration of 0.5%-0.05%(based on solid content).
- The dosage is based on the turbidity and the concentration of the different source water. The most economical dosage is based on the trial. The dosing spot and the mixing velocity should be carefully decided to guarantee that the chemical can be mixed evenly with the other chemicals in the water and the flocs cannot be broken.

PACKAGE:

200L plastic drum or 1000L IBC drum.

STORAGE:

Shelf life: 2 Years (Stored<38°C)

Should be stored in original containers in cool and dry place, away from sources of heat, flame and direct sunlight.

