



山东鲁岳化工有限公司

Shandong Luyue Chemical Co., Ltd

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### Poly(Dimethyl diallyl ammonium Chloride) Series

**Synonyms:** Polyquaternium(PDMDAAC)/PolyDADMAC/PolyDMDAAC

**CAS Name:** 2-Propen-1-amium,N,N-dimethyl-N-Propenyl-,chloride homopolymer

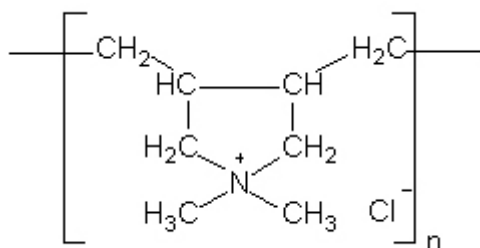
**CAS No.** 26062-79-3

**Molecular Formula:** (C<sub>8</sub>H<sub>16</sub>NCl)<sub>n</sub>

#### Property:

This product gathers electrolyte for the strong cation, appearance is colorless to light yellow viscose liquid, freezing point:-2.8 °C, specific weight:1.04 g/cm<sup>3</sup>, resolve temperature 280-300 °C .Be dissolved in water easily, not easy to combust , strong coagulate dint, good water solution stability, don't become gel and keep stable in the wide PH range, anti-chlorine, high charge density.

#### Structure Formula:



#### Specification:

Code\ Item	Appearance	Solid content,%	pH	Viscosity(25°C)		
				cps	Rotor	Speed
LY 1120	Colorless To Light Yellow viscose liquid	19.0-21.0	4.0-7.0	220-300	1	12
LY 1220		19.0-21.0	5.0-7.0	250-350	1	12
LY 1320		19.0-21.0	5.0-7.0	600-900	2	30
LY 1420		19.0-21.0	5.0-7.0	1000-3000	2	6
LY 1520		19.0-21.0	5.0-7.0	2000-5000	3	6
LY 1620		19.0-21.0	5.0-7.0	5000-8000	3	6
LY 1130		29.0-31.0	5.0-7.0	800-1000	3	60
LY 1230		29.0-31.0	5.0-7.0	1500-2500	3	30
LY 1135		34.0-36.0	5.0-7.0	100-200	1	30
LY 1235		34.0-36.0	5.0-7.0	200-400	1	12
LY 1335		34.0-36.0	5.0-7.0	400-600	2	30
LY 1435		34.0-36.0	5.0-7.0	800-1000	3	60
LY 1535		34.0-36.0	5.0-7.0	1000-2000	3	30

**Our Promise:** Sincere Business, First-Grade Quality, First-Class Service and Double Win.



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LY 1635		34.0-36.0	5.0-7.0	3000-5000	3	12
LY 1140		39.0-41.0	5.0-7.0	800-1000	3	60
LY 1240		39.0-41.0	5.0-7.0	1000-2000	3	30
LY 1340		39.0-41.0	5.0-7.0	1000-3000	3	30
LY 1440		39.0-41.0	5.0-7.0	7000-9000	3	6
LY 1540		39.0-41.0	5.0-7.0	9000-11000	3	6
LY 1640		39.0-41.0	5.0-7.0	12500-15000	3	6
LY 1740		39.0-41.0	5.0-7.0	10000-20000	3	6
LY 1840		39.0-41.0	5.0-7.0	20000-50000	4	6
LY 1940		39.0-41.0	5.0-7.0	40000-70000	4	6
LY 11040		39.0-41.0	5.0-7.0	≥70000	4	6
LY 11140		39.0-41.0	5.0-7.0	65000-100000	4	6
LY 1046		45.0-47.0	5.0-7.0	100-150	1	30
LY 1150		49.0-51.0	5.0-7.0	100-200	1	12
LY 1250		49.0-51.0	5.0-7.0	8000-12000	3	6

### Application:

Used as flocculants in water and wastewater treatment. In the mining and the process of mineral, it is always used in dewater flocculants which can extensively applied in treating various mineral mud, such as coal, taconite, natural alkali, gravel mud and titania. In the papermaking, it is used as paper conductivity paint to make conductive paper, sizing promotor. Moreover, this product also can be used as conditioner, antistatic agent, wetting agent, shampoo, emollient and so on.

### Package:

125kg PE Drum, 200kg PE Drum, 1000kg IBC Drum.

### Storage and Transportation:

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

**The term of validity:** Two years.

**Transportation:** Non-dangerous goods.

### Attention:

- (1) Your wise advice about our products will be necessary to improve our qualities and services.
- (2) There is no fixed pattern for application technology, therefore, the customer should base on your own technology and the equipment conditions to execute the program and utilize the product. The application involved in this paper is for your reference merely, the author doesn't bear any responsibility for it.

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