



山东鲁岳化工有限公司

Shandong Luyue Chemical Co., Ltd

Anzhan Industry Park, Feicheng City, Shandong(271603), China

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Polyquaternium-22

Alias: DADMAC/AA copolymer、DMAAC/AA copolymer

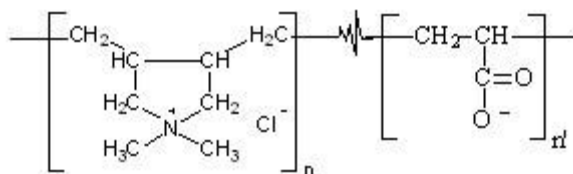
CAS name: 2-propen-1-aminium,N,N-Dimethyl-N-2-propenyl-,chloride,polymer with acrylic acid

CAS No.: 53694-17-0

Molecular formula: $(C_8H_{16}NCl)_n(C_3H_3O_2)_n$

Molecular weight: $1-5 \times 10^5$

Structural formula:



Specification:

Code Item	LY PQ-221	LY PQ-222	LY PQ-223
Appearance	Clear to slightly hazy, yellow, viscous liquid		Clear, yellow viscous liquid
Solid,%	39-43	39-43	35-40
pH	4.2-5.3	≤2.5	4.0-5.5
Viscosity, cps	3000-6000 (#3@12rpm,25℃)	4000-15000 (#3@6rpm,25℃)	3500-9000 (#3@12rpm,25℃)
Color(APHA)	≤350	≤400	≤150

Use:

A. Hair Care Products : Relaxers, Bleaches, Dyes, Shampoos, Conditioners, Styling Products, and Permanent Waves.

- 1.Contributes luster and a soft, silky feel; Provide rich, creamy foam to shampoos
- 2.Provides excellent slip, lubricity and snag-free wet compatibility without excessive buildup
- 3.Imparts excellent dry compatibility
- 4.Panel studies document excellent hair softness and wet hair feel during washing, rinsing and after rinsing
- 5.Helps hold curls without flaking

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



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6. 1.0% as product in shampoo and conditioner

3.0% as product in other formulations

B. Skin Care Products : Moisturizing Creams, Lotions, Bath Gels, Liquid Soaps, Soap Bars, Shaving Products, and Deodorants.

1.Imparts a smooth, velvety feel; reduces tightness after drying skin

2.Provides excellent moisturization

3.Contributes lubricity which can help make skin care products easier to apply

4.Liquid cleansing products acquire richer foam with improved stability

5. Suggested starting concentration: 1.5% as product

Package& Storage:

200kg PE Drum, 1000kg IBC Tank.

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.