

Diallyl dimethyl ammonium chloride

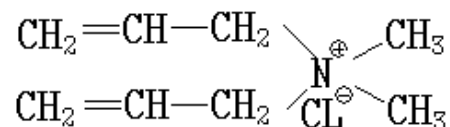
DADMAC

Product Code: LYFM-205

CAS NO.7398-69-8

Molecular formula: C₈H₁₆NCl

Structural formula:



Property:

DADMAC is a high purity, polymer-grade, quaternary ammonium salt and high charge density cationic monomer. Its appearance is colorless and transparent liquid without irritating smell. DADMAC can be dissolved in water very easily. Molecular Formula: C₈H₁₆NCl; Molecular Weight: 161.5. There is alkenyl double bond in the molecular structure and can form linear homopolymer and all kinds of copolymers by various polymerization reaction. DADMAC is very stable in normal temperature, unhydrolyzed and nonflammable, low irritation to skins and low toxicity. This product has two specifications: 65% and 60%.

Quality specification:

Code	LYFM205-1	LYFM205-2
Appearance	Clear transparent liquid	
Solid content, %	60±1	65±1
pH	5.0—7.0	
Color(APHA)	≤50	
NaCl, %	≤3.0	

Application:

Diallyl dimethyl ammonium chloride can be used as a cationic monomer to form copolymer and homopolymer. Its polymer, can be used in dyeing and finishing auxiliaries as advanced formaldehyde-free color-fixing agent, it can foam film in the fabric and improve color fastness. It can be used in papermaking, coating and antistatic agent, AKD sizing promoter as retention and drainage agent. It also can be used to decolor, flocculate, and purify effectively and non-toxic in water treatment. In daily chemical, it can be used as in shampoo carding agent, wetting agent and antistatic agent. In oilfield chemical, it can be used in clay stabilizer, acid fracturing cation additive and etc. Its functions are neutralization, absorption, flocculation, purification and decoloration, especially showing the excellent conductivity and antistatic as modifier of synthetic resin. This information is referenced only.

This application is for your reference only.

Package:

200Kg PE Drum, 1000Kg IBC Tank.

Storage:

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

Transportation: Non-dangerous goods.

The term of validity: Two years.

Attention:

(1) Your wise advice about our products will be appreciated 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.