

### Quick Information

- Place of Origin: Korea

### Description

#### Blowing Agent, Key Additive in Sponge

Chemical blowing agent is a chemical additive that is able to evolve gas through thermal decomposition and produce foam structures in a polymeric matrix such as plastic and rubber and is classified into organic chemical blowing agent and inorganic chemical blowing agent. Commercial chemical blowing agents produced by Kum Yang are outlined as follows.

#### Application

- Foams of PVC (Polyvinyl chloride) incorporated with blowing agent are insulation tube, synthetic leather, sandal, wall coverings, floor coverings and so on.

#### Blowing Agent for PVC

Following blowing agent can be useful for PVC application.

- **CELLCOM - AC Series (Azodicarbonamide)**
  - CELLCOM - AC series are widely used as common chemical blowing agent for foamed plastics and rubbers because of lots of advantage of low toxicity, high decomposition temperature, high expansion ration and so on. CELLCOM-AC series have diversity in particle size according to customer's needs.
- **CELLCOM - SM Series (Modified Azodicarbonamide)**
  - CELLCOM - SM series are designed as modified Azodicarbonamide for application where excellent whiteness, high productivity and lower temperature process are needed.
- **CELLCOM - OBSH Series (P P Oxbid benzene sulfonylhydrazide)**
  - Unlike with AC and DPT, CELLCOM - OBSH series are white blowing agent having low decomposition temperature, releasing nitrogengas mainly and widely using for EPDM weatherstrip and high quality PVC wall coverings where need outstanding whiteness.

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