



VAM

Description

Vinyl acetate monomer (VAM) is a colorless liquid with a sweet odor, primarily used as a key building block in the production of various polymers and copolymers. The most common use of VAM is in the manufacture of polyvinyl acetate (PVA), which is the basis for adhesives, paints, coatings, and textiles.

Application

- **Adhesives (PVA Glue):** VAM is the main ingredient for PVA-based adhesives, which include common wood glues, paper adhesives, bookbinding glues, and packaging adhesives.
- **Paints & Coatings:** It is a key component in the formulation of water-based emulsion paints (latex paints) used for architectural and industrial coatings, providing good adhesion and durability.
- **Textiles:** Used as a binder in the production of non-woven fabrics and as a finishing agent to impart stiffness and a durable finish to textiles.
- **Paper Coatings:** It acts as a binder in paper coatings to improve surface strength, gloss, and printability.

PROPERTIES	SPEC. VALUE	UNIT	TEST METHOD
PURITY	99.9 MIN	WT%	UHDE - GCL2
METHYL ACETATE	100 MAX	PPM	UHDE - GCL2
ETHYL ACETATE	200 MAX	PPM	UHDE - GCL2
ACETALDEHYDE	100 MAX	PPM	UHDE - GCL2
ACIDITY AS ACETIC ACID	60 MAX	PPM	UHDE - VA - 1
WATER CONTENT	200 MAX	PPM	ASTM D 1364
DENSITY 20°C	0.932-0.933	GR/CM3	ASTM D 4052
COLOR	5 MAX	APHA	ASTM D 1209
HYDROQUINON	(CUSTOMER REQUEST 6-10)	PPM	ASTM D 1293