

Vinyl Acetate Monomer (VAM)

Characteristic	Test Method	Unit	Value
PURITY	UHDE GCL2	WT.%	99.9 MIN.
METHYL ACETATE	UHDE GCL2	WT.%PPM	100 MAX.
ETHYL ACETATE	UHDE GCL2	WT.%PPM	200 MAX.
ACETALDEHYDE	UHDE GCL2	WT.%PPM	100 MAX.
ACIDITY AS ACETIC ACID	UHDE VA1	WT.%PPM	60 MAX.
WATER CONTENT	ASTM D – 1364	WT.%PPM	200 MAX.
DENSITY @ 20 °C	ASTM D - 4052	gr/cm ³	0.932 - 0.933
COLOR	ASTM D - 1209	APHA	5 MAX.
HYDROQUINONE	GC	WT.%PPM	5-10

VINYLACETATE is a colourless, low-viscous, flammable liquid with an ester-like odour. It is miscible with a number of solvents, but not with water. The vapour is invisible and being heavier than air, it spreads out at floor level. **VINYL ACETATE** forms explosive mixtures with air.

o Application areas:

VINYLACETATE used for copolymerization and terpolymerization with other monomers, like ethylene, vinyl chloride, acrylate, maleinate, fumarate, vinyl laurate.

VINYLACETATE is a chemical building block used to manufacture a wide variety of industrial and consumer products, including polyvinyl acetate used to produce paints, adhesives and coatings for flexible substrates; polyvinylalcohol used to produce adhesives, coatings and water soluble packaging films; polyvinyl acetals used to produce insulation for magnetic wire, interlayers for safety glass, wash primers and coatings; ethylene vinyl acetate copolymers used to produce flexible films, coatings, adhesives, moldings and insulation; and ethylene vinyl alcohol used to produce gas barrier layers in coextruded packaging.

o Storage conditions:

VINYLACETATE must keep under nitrogen blanket and at ambient temperature. Grounding and bonding required. Protect from physical damage. Store outside or in a detached building. Store with flammable liquids. Keep separated from incompatible substances like acids, bases, metal oxides, amines, combustible materials and oxidizing materials. Store in a tightly closed container. Containers must have overpressure release device. Avoid heat, flames, sparks and other sources of ignition.

o Packing:

Bulk or in 230 Lit (net: 200 Kg) new drums, each 4 drums strapped on a pallet.