

Technical Data Sheet

VAM

Vinyl Acetate Monomer

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.

Application:

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

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.

Properties	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/cm	ASTM D-4052
COLOR	5 MAX.	APHA	ASTM D-1209
HYDROQUINONE	5-10	PPM	GC