



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

SHAZAND PETROCHEMICAL COMPANY

VINYL ACETATE MONOMER (VAM)

Vinyl Acetate Monomer (VAM) is a clear, colorless, highly flammable liquid featuring a distinctive sweet, ester-like odor. It is a highly versatile and reactive chemical intermediate used extensively as a building block for manufacturing a wide range of polymers and resins, including Polyvinyl Acetate (PVA), Polyvinyl Alcohol (PVOH), and Ethylene Vinyl Acetate (EVA). It is typically stabilized with a hydroquinone inhibitor to prevent premature polymerization during storage and transit.

Producer	Applications
SHAZAND PETROCHEMICAL COMPANY	Adhesives (wood glues, white glues), water-based interior paints and architectural coatings, flexible food packaging films, safety glass interlayers (PVB), wire/cable insulation, and textile/paper finishes

Typical Properties			
Resin Properties	Unit	Typical Value	Test Method
PURITY	WT.%	99.9 MIN.	UHDE GCL2
METHYL ACETATE	WT%	100 MAX.	UHDE GCL2
ETHYL ACETATE	PPM	200 MAX	UHDE GCL2
ACETALDEHYDE	PPM	100 MAX.	UHDE GCL2
ACIDITY AS ACETIC ACID	PPM	60 MAX	UHDE VA1
WATER CONTENT	PPM	200 MAX.	ASTM D – 1364
DENSITY @ 20 °C	gr/cm3	0.932 - 0.933	ASTM D - 4052
COLOR	APHA	5 MAX	ASTM D - 1209
HYDROQUINONE	PPM	5-10	GC