

Acetic Acid (AA)

Technical DataSheet | Supplied by Shazand Petrochemical complex

Acetic Acid (AA) by Shazand Petrochemical complex acts as a reaction solvent. It is a colorless, transparent liquid with a poignant odor, frozen at normal temperatures (15-16°C). Acetic Acid (AA) is freely mixed with water, alcohol, ether or organic compounds. Used in the production of dyes.

Product Type	Solvents
Chemical Composition	Acetic acid
CAS Number	64-19-7
Physical Form	Liquid
Appearance	Transparent, Colorless
Product Status	COMMERCIAL
Applications/ Recommended for	Coatings

Acetic Acid (AA) Properties

Property	Value & Unit	Test Condition	Test Method
Purity	> 99.5 %		ASTM E302
Water Content	< 0.4 %		ASTM E203
Formic Acid Content	< 0.15 %		ASTM D3546
Acetaldehyde Content	< 300 ppm	UHDE GCL 3	
Iron Content	< 1 ppm		
Specific Gravity	1.0505 - 1.0525	At 20°C	ASTM D4052
Color, APHA	< 10		ASTM D1209
Flash Point	39 °C	Closed Cup	
Boiling Point	117 - 118 °C		
Evaporation Rate (n-BuAc=100)	97		
Vapor Pressure	2.09 kPa	At 25°C	
Solubility	Element	Test Condition	Test Method
Soluble in	water		
Soluble in	alcohol		



Technical Data Sheets

Soluble in ether

Soluble in organic compounds