

LG Chemical Ethylene

Category : Fluid

Material Notes:

Physical Properties: Colorless, slightly sweet taste, Narcotic gas, highly reactive in polymerization, addition
Structure & Characteristics: CH₂=CH₂. A colorless inflammable liquefied gas which has characteristic odor of hydrocarbon. It needs low temperature and high pressure for storage
Uses: Film for agricultural use, Pipe, Polyester fibers, Antifreezing solution, Acetic acid, Material for penta, etc, Solvents, Synthesis of ethylene oxide, Electric appliances, Packing materials, Construction materials, Alcohol, Printing ink, Solvents, Pipe, Film, Floor, Furnishing materials, Solvent, Extractants, Anesthetics vinyl acetate, Adhesive, Fiber
CAS: 74-85-1
 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-Ethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.610 g/cc	0.610 g/cc	

Thermal Properties	Metric	English	Comments
Melting Point	-169 Â°C	-272 Â°F	
Boiling Point	-104 Â°C	-155 Â°F	
Flash Point	-136 Â°C	-213 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	450Â°C	
Components	Acetylene	<5 MOL. Ppm
	C3 & Heavier	<20 MOL. Ppm
	CO	<5 MOL. Ppm
	CO2	<5 MOL. Ppm
	Ethane	<500 MOL. Ppm
	Ethylene	>99.9%
	ETHYLENE	0.999
	H2	<5 MOL. Ppm
	H2O	<5 MOL. Ppm
	Methane	<500 MOL. Ppm
	Methanol	<20 MOL. Ppm

Descriptive Properties	Value	Comments
	Sulfur	<2 MOL. Ppm

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