



>> Isopentane

Product: Isopentane

Application: Can be mixed with n-pentane to make EPS and it also can be mixed with cyclopentane as a foaming agent for rigid urethane foam.

Quality Standard:

C4, % \leq 1.5

Isopentane, % \geq 98

n-Pentane, % \leq 1.5

C6, % \leq 0.1

Sulfur, (ppm) \leq 2

Appearance, Colorless and transparent liquid

Package: Steel drum 125KG, ISO tank



>> Cyclopentane

Product: Cyclopentane

Application: Used as a new foaming agent for rigid polyurethane foam and can be substituted for CFCS which destroys the atmospheric ozone layer.

Quality Standard:

Cyclopentane, % \geq 98

Isopentane, % \leq 0.1

n-Pentane, % \leq 1.0

2,2 Dimethyl Butane, % \leq 2.0

Heavy component, % \leq 0.5

Sulfur, (ppm) \leq 5.0

Appearance, Colorless and transparent liquid

Package: Steel drum 145KG, ISO tank





>> Pentane

Product: Pentane

Application: Used as a foaming agent of EPS.

Quality Standard:

Initial boiling point, °C \geq 25

98% recovered temperature, °C \leq 50

Evaporation residue mg/100ml \leq 10

Pentane, % \geq 98

Light component, % \leq 1

Heavy component, % \leq 1

Appearance, Colorless and transparent liquid

Package: Steel drum 210L, ISO tank



>> SF6

Product: SF6

Quality Standard:

Purity, % \geq 99.99

Air, % \leq 0.05

CF4, % \leq 0.0002

Hydralysable fluorides, (ug/g) \leq 0.2

Moisture, \leq 0.6

Oil Content, (ug/g) \leq 0.5

Package: Steel cylinder 110LB/50KG





>> Mapp Gas

Mapp gas uses: for welding, brazing and soldering

Physical property:

1. Actual burning temperature: approach 3600°F
2. The full burning time: nearly 3 hours
3. Scientific blend proportion and good flame to guarantee good welding result and shorten working time
4. Temperature (Degree Celsius) 20 degree C, Pressure (psig) 110psig
5. Diameter 75mm, High 267mm, Gross weight 980g, convenient for holding and taking

Mapp gas Package and Storage:

16oz / 453.6gm per cylinder, 12 cylinders/carton, 17004 cylinders/ 20ft container



>> NH3

Colorless, pungent gas composed of nitrogen and hydrogen, chemical formula NH_3 . Easily liquefied by compression or cooling for use in refrigerating and air-conditioning equipment. Its major use is as a fertilizer, applied directly to soil from tanks of the liquefied gas. Also employed as fertilizers are salts of ammonia, including ammonium phosphate and ammonium nitrate (the latter used in high explosives as well). Ammonia has many other industrial uses as a raw material, catalyst, and alkali. It dissolves readily in water to form ammonium hydroxide, an alkaline solution familiar as a household cleaner.

Properties:

Molecular formula: NH_3

Molar mass: 17.031g/mol

Density: 0.6818

Melting point: -77.73°C, 195K, -108°F

Boiling point: -33.34°C, 240K, -28°F

Flash point: 11°C

Solubility in water: 47% (0 °C), 31% (25 °C), 28% (50 °C)

Colorless gas with strong pungent odor.

Package: Cylinder 800L/400kg, 400L/200kg.





>> Propane

uses: welding, brazing and soldering

Property of chloride :	Molecular weight	44.10
	Flame Temperature(In Oxygen) -H	5110
	Flame Temperature(In Air) -H	3600
	Flame Speed(In Oxygen) -Ft./Sec	10.9
	Flame Speed(In Air) -Ft./Sec	1.7
	Primary Flame Heat Value -BTU/cu.ft.	255
	Secondary Flame Heat Value CBTU/cu.ft.	2243
	Total Heat Value -BTU/cu.ft.	2498
	Total Heat Value of Gas -BTU/cu.ft.	21,800
	Volume to weight ratio Ft ³ /lb @ 60H	8.7
	Combustion Intensity Primary flame CBtu/ft ² sec	433
	Combustion Intensity Secondary flame CBtu/ft ² sec	3813
	Combustion Intensity CBtu/ft ² sec	4246

Quality standard :	Purity%	99.95
	Moisture,PPm	0.001
	Acidity,PPm	0.0001
	Residue on evaporation ,PPm	0.01
	Appearance	colorless , no cloudy
	Odor	no smell

