

Name	Structure	CAS No.	Spec.
Furan		110-00-9	99.5%

Nature

Colourless clear liquid. Freezing point -85.6°C, boiling point 31.3°C, flashing point -35°C, and refractive index 1.4207. Soluble in alcohol, ether, acetone and benzene, but insoluble in water. It will easily deteriorate after stored for long time or in light. It will be resinified when meet acid or evaporated.

Application

It is used as feedstock of organic syntheses and solvent.

Packing

170kgs net weight in a steel drum.

Standard

Molecular: C₄H₄O

Molecular weight: 68.06

Item	Specification
Appearance	Colourless to yellowish clear liquid.
Assay(GC), %	≥99.5
Total organic impurities, %	≤0.50
Water(K•F), %	≤0.20
Colourity(APHA)	≤20
Relative density	0.9370-0.9420
Refractive index	1.4200-1.4230
Antioxidant(BHT), %	0.025

Handling and storage

Store in an area where temperature is below 10°C. Add the 0.025% antioxidant of butylated hydroxytoluene. Keep away from acids, oxidizer, sources of ignition.

Transport and store under the rule of flammable chemicals. Shelf-life is eighteen months.