



SALES SPECIFICATIONS

APC Product : HEXANE
APC Spec. No. : 07-005-0
Effective Date : 1 April 2019

Description

Hexane is a highly volatile aliphatic hydrocarbon. It is a commercial and industrial product that contains a mixture of hydrocarbons with six carbon atoms.

It is a colorless liquid with a characteristic petroleum-like odour. It is a highly flammable liquid.

Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Appearance	C&B	Visual	Clear & Bright
Benzene Content	ppm.wt.	GC	80 max
Colour (Saybolt)		ASTM D156	30 min
Distillation, IBP	°C	ASTM D1078	64 min
Distillation, DP	°C	ASTM D1078	70 max
Density @ 15 °C	g/ml	ASTM D4052	0.670 - 0.685
Sulphur Content	ppm.wt.	ASTM D5453	1 max
n-Hexane content	% wt.	GC	38 min
Cyclo hexane	% wt.	GC	3 max
Water Content	ppm.wt.	ASTM D1364	200 max

Typical Properties

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Aromatic Content	% m/m	GC	
Bromine Index	mgB/hg	ASTM D2710	30 max
Refractive Index @20 °C		ASTM D1218	1.370 - 1.385

Application

Hexane is used extensively. This solvents are used to extract vegetable oils from crops such as soybeans and is also used as a cleaning agent in the printing, textile, furniture, and shoemaking industries. It is also in the roofing and shoe industries in glues and can be found in numerous consumer products including gasoline, quick-drying glues, and rubber cement.