

TECHNICAL BROCHURE
N° 554900

CHEMICALS

ALIPHATIC SOLVENTS

NORMAL PENTANE 80/20

It is a mixture of approximately 80% NC5 and 20% IC5, with low odor and impurity content and very high flammability at room temperature.

That is, of a paraffinic aliphatic solvent, with molecules of five carbon atoms (linear and branched), characterized by its very high vapor pressure and low content of sulfur, olefins, and aromatic hydrocarbons.

APPLICATIONS

It stands out in those uses where a very high volatility is required. Examples: expanding agent in the manufacture of EPS, propellant for aerosols, cleaning electronics, etc.

SPECIFICATIONS

Analysis	Specifications	Methods
Normal pentane (wt %)	78,00-82,00	INS_-0010166
Isopentane (wt %)	18,00-22,00	INS_-0010166
Normal Butane (wt %)	max. 0,50	INS_-0010166
Cyclopentane (wt %)	max. 0,90	INS_-0010166
Normal Hexane (wt %)	max. 0,50	INS_-0010166
Benzene (mg/kg)	max. 5	INS_-0007254
Saybolt Colour	min.+30	ASTM D6045
Sulphur (mg/kg)	max. 1	ASTM D5453
Density at 15 °C (g/ml)	0,6270-0,6330	ASTM D4052
Appearance	Bright, clear liquid, free from sediments	Visual
Isobutane (wt %)	Inform	INS_-0010166
*Bromine index (mg Br ₂ /100 g)	Inform	ASTM D2710
*Non-volatile residue (g/100 ml)	Inform	ASTM D1353
*Total nitrogen (mg/kg)	Inform	ASTM D4629
*Carbonyl (mg/l)	Inform	ASTM E411

*Once a month on available stock

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