

TECHNICAL BROCHURE
N° 554800

CHEMICALS

ALIPHATIC SOLVENTS

NORMAL PENTANE

Normal pentane is a colourless liquid, extremely flammable at ambient temperature, with a high vapour tension. It is an aliphatic solvent of normal paraffins with five saturated carbon atoms, obtained by molecular extraction.

APPLICATIONS

It is used in solvent extraction processes; pesticides; polymerization (expanded polystyrene), desorption from molecular sieves, etc.

SPECIFICATIONS

Analysis	Specifications	Methods
Density at 15 °C (g/ml)	0.6300-0.6400	ASTM D4052
Normal pentane (wt %)	min. 95	ASTM D5134
Butanes and lighter (wt %)	max. 0.5	ASTM D5134
Hexanes and heavier (wt %)	max. 1	ASTM D5134
Cyclo and isopentane (wt %)	Balance	ASTM D5134
Sulphur (mg/kg)	max. 0.5	ASTM D5453
Total nitrogen (mg/kg)	max. 1.0	ASTM D4629
Carbonyl (mg/l)	max. 1.0	ASTM E411
Benzene (mg/kg)	max. 100	INS_-0007254
Bromine index (mg/100 g)	max. 20	ASTM D2710
Non-volatile residue (g/100 ml)	max. 0.001	ASTM D1353
Acidity distillation residue	Neutral	ASTM D1093
Copper corrosion	max. 1	ASTM D130
Saybolt colour	min.+30	ASTM D6045
Appearance	Bright, clear liquid, free from sediments	Visual

NOTE: product without antistatic additives.

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This information is offered in good faith and meant only as a guide. The transformer or user will be, in each case, responsible for the processing conditions and the final use of the product. Freedom under patents, copyright and registered designs cannot be assumed.

Customer Service:

asistencia.tecnica.quimica@ypf.com

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