

# PENTANE

*Meaning: Pentane is a colorless, flammable hydrocarbon with the chemical formula C<sub>5</sub>H<sub>12</sub>, commonly used as a nonpolar solvent in laboratories.*

1. Pentane is commonly used as a solvent in laboratories due to its nonpolar nature.
2. The chemical formula for pentane is C<sub>5</sub>H<sub>12</sub>, indicating it consists of five carbon atoms.
3. In the petroleum industry, pentane is often used as a standard reference for gasoline performance.
4. Pentane exists in three structural isomers, each with distinct properties and applications.
5. Because of its low boiling point, pentane is effective in the extraction of essential oils from plants.

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