DiversifiedCPC INTERNATIONAL

Isopentane

Polyurethane Foam Blowing Agent

High-purity isopentane helps achieve consistent foam quality, excellent insulation performance, and greater formulation flexibility while supporting sustainability goals.

Key Benefits:

- Supports foam quality and consistency
- Enhances thermal insulation performance
- Offers formulation flexibility in blends
- Suitable for appliance, panel, spray foam & integral skin
- Low GWP and Zero ODP

Physical Properties

Molecular Weight	72.15 g/mol
CAS #	78-78-4
Chemical Formula	C5H12
Boiling Point	82° F (27.8° C)
Melting Point	-258° F (-161° C)
Density	0.620 g/ml at 68° F (20° C)
Vapor Pressure	595 mmHg at 68° F (20° C)
Flash Point	-60° F (-51° C)
Autoignition Temp	788° F (420° C)

Environmental & Regulatory Benefits:

- TSCA Listed
- EINECS 201-142-8
- ACGIH TLV 1000 ppm
- Helps support EPA SNAP compliant formulations
- Negligible climate impact
- Zero ozone depletion potential

Environmental Properties

Global Warming Potential (GWP)	~3 or less
Ozone Depleting Potential (ODP)	Zero
Volatile Organic Compound (VOC)	Yes
Maximum Incremental Reactivity (MIR)	1.45

Performance Advantages

- Supports foam expansion and density control
- High purity helps reduce process variability
- Balances performance, sustainability, and cost objectives

Why Choose Diversified CPC?

U.S. Manufacturer and Distributor

99% Average On-Time Delivery

Tank Sourcing & Installation Services

About Diversified CPC

Established in 1964, we manufacture and distribute the highest-purity hydrocarbons, specialty gases, and blends to help companies improve product quality and their safety, sustainability, and operational outcomes.

Discover how you can benefit from The Power of Purity.®
Contact info@diversifiedcpc.com