

Cyclopentane-70

High Quality & Performance

Our high-purity formulas help ensure high-quality products with minimal contaminants that may compromise the performance of your application and end product.

Applications Include:

- Sustainable PU Foam Blowing Agent
- Aerosol Solvent
- Refrigerant

Key Features:

- 70%+ purity
- Excellent insulation performance
- Zero Ozone Depletion Potential (ODP)
- Low Global Warming Potential (GWP)
- PFAS free

Technical Data

Properties	Cyclopentane
Composition (wt%, GC)	C4s & lighter: Trace Isopentane: <0.01 (range 0.0–0.1) Normal Pentane: 0.5 (range 0.5–1.7) Cyclopentane: 71.5 (range 70.0–73.3; spec min. 70.0) 2,2-Dimethylbutane: 28.2 (range 26.4–29.9)
API Gravity	64.5 (range 63.9–65.2)
Specific Gravity	0.7220 (range 0.7184–0.7256)
Density (lbs/gal)	6.01 (range 5.98–6.04)
Color, Saybolt	+30 (min. +30; ASTM D-6045; ~0 Pt-Co)
Sulfur (ppm)	<1 (max. 5.0; ASTM D-5453)
Copper Corrosion	1A (ASTM D-130)
Aromatic Content (ppm)	<0.1 (max. 5.0; GC)
Non-volatile Content (mg/100 ml)	0.1 (max. 5.0; ASTM D-1353)
Reid Vapor Pressure	10.2 (range 9.3–12.7; ASTM D-5191)
Acidity (dist. residue)	Neutral (ASTM D-1093)
Water Content (wppm)	8.99 (range 2.8–15.2; ASTM D-6304)
Bromine Index (mg Br/100g)	<1 (ASTM D-1492)

Pure Customization

We create custom blends that meet your requirements and desired performance. Our staff offers unmatched expertise to address unique needs across an array of applications.

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