

**Cyclopentane**
**TECHNICAL DATA SHEET**

<u>Property</u>	<u>Typical</u>	<u>Range</u>	<u>Specification</u>	<u>Test Method</u>
COMPOSITION, WT%				Gas Chromatograph
C4'S & Lighter	Trace	Trace		
Isopentane	<0.01	0.0 -0.1		
Normal Pentane	0.5	0.5 - 1.7		
Cyclopentane	71.5	70.0 - 73.3	70.0 Minimum	
2,2 Dimethylbutane	28.2	26.4- 29.9		
2,3 Dimethylbutane +				
2 Methylpentane	Trace	Trace		
3 Methylpentane	Trace	Trace		
API Gravity	64.5	63.9 - 65.2		ASTM D-4052
Specific Gravity	0.7220	.7184 - .7256		API Table 3
Density, lbs/gal	6.01	5.98 - 6.04		API Table 8
Color, Saybolt*	+30		+30 Minimum	ASTM D-6045
Sulfur Content, ppm	< 1		5.0 Maximum	ASTM D-5453
Copper Corrosion	1 A		1 A	ASTM D-130
Aromatic Content, ppm	<0.1		5.0 Maximum	Gas Chromatograph
Non-volatile Content				
mg/100 ml	0.1		5.0 Maximum	ASTM D-1353
Reid Vapor Pressure	10.2	9.3 - 12.7	--	ASTM D-5191
Acidity, Dist Residue	Neutral		Neutral	ASTM D-1093
Water Content, wppm	8.99	2.8 - 15.2	--	ASTM D-6304
Bromine Index, mgBr/100g	<1	<1 - 3	--	ASTM D-1492

OTHER INFORMATION

Shipping: Shipped in railcars, tank trucks and 55-gallon drums from Silsbee, Texas.  
 DOT Classification: Cyclopentane, Flammable Liquid  
 Hazardous Materials Identification Number: UN1146

Toxicity: Not established: OSHA Standard  
 600 ppm: ACGIH Standard, TWA  
 CAS: 287-92-3

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\* Saybolt color of +30 is approximately 0 on the Pt-Co Color Scale

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