

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	70.9	70.0 - 72.4	70.0 Minimum	
2,2 Dimethylbutane	28.5	23.1- 29.6		
2,3 Dimethylbutane + 2 Methylpentane	Trace	Trace		
3 Methylpentane	Trace	Trace		
API Gravity	64.7	65.0 - 64.4		ASTM D-4052
Specific Gravity	0.7212	.7204 - .7223		API Table 3
Density, lbs/gal	6.00	5.99 - 6.01		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	10.0	11.3 - 12.7	--	ASTM D-5191
Acidity, Dist Residue	Neutral		Neutral	ASTM D-1093
Water Content, wppm	7.5	3.0- 16.8	--	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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