



Normal Pentane

TECHNICAL DATA SHEET

<u>Property</u>	<u>Typical</u>	<u>Range</u>	<u>Specification</u>	<u>Test Method</u>
COMPOSITION, WT%				Gas Chrom
Butane and Lighter	Trace	Trace	--	
Isopentane	0.2	<0.1 - 0.9	1.0 Max	
Normal Pentane	99.6	99.0 - 99.9	99.0 Min	
Benzene, ppm	<0.1	0.0 - 1.0	5.0 Max	Gas Chrom
API Gravity	92.7	93.0 - 91.9	--	ASTM D-4052
Specific Gravity	0.6306	0.6303 - 0.6334	--	API Table 3
Density, lbs/gal	5.248	5.245 - 5.271	--	API Table 8
DISTILLATION, DEG F				ASTM D-1078
IBP	96.0	95.5 - 96.5	--	
Dry Point	100.0	99.5 - 100.5	--	
Color, Saybolt*	+30	+30	+ 30	ASTM D-6045
Sulfur Content, ppm	< 1	< 1	5.0 Max	ASTM D-5453
Kauri-Butanol Value	26.2	26.0 - 27.5	--	ASTM D-1133
Copper Corrosion	1 A	1 A	1 A	ASTM D-130
Flash Point, Deg F	- 60	- 66 / - 55	--	Estimated
Non-volatile Content mg/100 ml	0.1	0.1 - 0.3	1.0 Max	ASTM D-1353
Reid Vapor Pressure	15.5	15.1 - 16.5	--	ASTM D-5191
Acidity, Dist Residue	Neutral	Neutral	Neutral	ASTM D-1093
Water Content, wppm	7.0	4.0 - 25.0	25.0 Max	ASTM D-6304
Bromine Index, mgBr/100g	8	4 - 15	--	ASTM D-1492
<u>OTHER INFORMATION</u>				
Shipping:	Shipped in railcars, tank trucks and 55-gallon drums from Silsbee, Texas. DOT Classification: Pentane, Flammable Liquid Hazardous Materials Identification Number: UN1265			
Toxicity:	Threshold Limit Value: 1000 ppm: OSHA Standard, TWA 600 ppm: ACGIH Standard, TWA 750 ppm: ACGIH Standard, STEL CAS: 109-66-0			
				Nov 2016
* Saybolt color of +30 is approximately 0 on the Pt-Co Color Scale				

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