

ISOPENTANE
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	99.6	99.0 - 99.9	99.0 Min	
Normal Pentane	0.4	0.1 - 0.9	1.0 Max	
Benzene, ppm	<0.1	0.0 - 0.1	1.0 Max	Gas Chrom
API Gravity	95.2	95.4 - 94.7	--	ASTM D-4052
Specific Gravity	0.6241	0.6236 - 0.6256	--	API Table 3
Density, lbs/gal	5.194	5.190 - 5.206	--	API Table 8
DISTILLATION, DEG F				ASTM D-1078
IBP	81.0	80.5 - 82.0	--	
Dry Point	84.0	83.5 - 85.0	--	
Appearance	Bright and Clear	Bright and Clear	Bright and Clear	Visual
Color, Saybolt	+30	+30	+ 30	ASTM D-6045
Sulfur Content, ppm	< 1	< 1	2.0 Max	ASTM D-5453
Copper Corrosion	1 A	1 A	1 A	ASTM D-130
Flash Point, Deg F	- 75	- 80 / - 70	--	Estimated
Non-volatile Content mg/100 ml	0.1	0.1 - 0.3	1.0 Max	ASTM D-1353
Reid Vapor Pressure	20.3	20.0 - 21.2	--	ASTM D-5191
Acidity, Dist Residue	Neutral	Neutral	Neutral	ASTM D-1093
Bromine Index, mg Br/100g	<1.0	<1.0 - 2.0	--	ASTM D-1492
Water Content, wppm	6.0	2.0 - 10.0	10.0 Max	ASTM D-6304
Carbonyls, ppm	< 1	< 1	--	ASTM E-411
<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: 78-78-4			
				Nov 2016
* Saybolt color of +30 is approximately 0 on the Pt-Co Color Scale				

South Hampton Resources, Inc. warrants only that its products meet the specifications stated herein. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. Historical range relates past data as to extremes of properties herein. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use. Products may be toxic and require special precautions in handling. For the products listed, user should obtain detailed information on toxicity, together with proper shipping, handling, and storage procedures, and comply with all applicable safety and environmental standards.