

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 - 99.8	99.0 Min	
Normal Pentane	0.4	0.1 - 0.8	1.0 Max	
Benzene, ppm	<0.1	0.0 - 0.2	1.0 Max	Gas Chrom
API Gravity	95.2	95.3 - 94.8	--	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 - 82.1	--	
Dry Point	84.0	83.5 - 85.3	--	
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 - 0.2	1.0 Max	ASTM D-1353
Reid Vapor Pressure	20.3	20.0 - 21.3	--	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 ISO tank trucks and 200L drums from Dongying, China 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			
				June 2022
* Saybolt color of +30 is approximately 0 on the Pt-Co Color Scale				

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