



Gage Products Company Technical Data Sheet

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US EPA Cert Fuel 96 RON
40580-55F

Test	Method	UOM	Specification
SPECIFIC GRAVITY @ 60.0 F	ASTM D4052		0.734 - 0.744
API GRAVITY @ 60.0 F	ASTM D4052 / ISO 12185	API	58.7 - 61.2
DISTILLATION, IBP	ASTM D86	DEG F (DEG C)	75.0 - 95.0 (23.9 - 35.0)
DISTILLATION, 5%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 10%	ASTM D86	DEG F (DEG C)	120.0 - 135.0 (48.9 - 57.2)
DISTILLATION, 20%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 30%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 40%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 50%	ASTM D86	DEG F (DEG C)	200.0 - 230.0 (93.3 - 110.0)
DISTILLATION, 60%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 70%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 80%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 90%	ASTM D86	DEG F (DEG C)	300.0 - 325.0 (148.9 - 162.8)
DISTILLATION, 95%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, DRY POINT	ASTM D86	DEG F (DEG C)	415.0 (212.8), MAX
RECOVERY	ASTM D86	VOL. %	REPORT
RESIDUE	ASTM D86	VOL. %	2.0, MAX
LOSS	ASTM D86	VOL. %	REPORT
DVPE, EPA STANDARD	ASTM D5191	PSI (KPA)	8.7 - 9.2 (59.9 - 63.4)
RESEARCH OCTANE NUMBER	ASTM D2699	RON	96.0 - 98.5
MOTOR OCTANE NUMBER	ASTM D2700	MON	REPORT
OCTANE RATING	GAGE-CALCULATED	R+M/2	92.0, MIN
OCTANE SENSITIVITY	GAGE-CALCULATED	R-M	7.5, MIN
AROMATIC CONTENT	ASTM D1319	VOL. %	35.0, MAX
OLEFIN CONTENT	ASTM D1319	VOL. %	10.0, MAX
SATURATE CONTENT	ASTM D1319	VOL. %	REPORT
SULFUR CONTENT	ASTM D5453	PPM	25.0 - 35.0
LEAD CONTENT	ASTM D3237	G/GAL	0.05, MAX.
PHOSPHORUS CONTENT	ASTM D3231	G/GAL	0.005, MAX.
SILICON CONTENT	ASTM D5185mod	MG/KG	4.0, MAX
MANGANESE CONTENT	ASTM D3831	MG/L	2.00, MAX
COPPER CORROSION	ASTM D130	COPPER CORR.	1A, MAX.
EXISTENT GUM (WASHED)	ASTM D381	MG/100ML	5.00, MAX

NOTE: This information is offered for your consideration, investigation, and verification. It should not be construed as a warranty or guaranty.

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UNWASHED GUM	ASTM D381	MG/100ML	70.00, MAX
OXIDATION STABILITY	ASTM D525	MIN.	960, MIN.
CARBON CONTENT	ASTM D5291	WT. %	REPORT
HYDROGEN CONTENT	ASTM D5291	WT. %	REPORT
C/H RATIO	GAGE-CALCULATED	WT/WT	REPORT
H/C RATIO	GAGE-CALCULATED	MOLE/MOLE	REPORT
NET HEAT OF COMBUSTION	ASTM D240	BTU/LB (MJ/KG)	REPORT
CARBON DENSITY	CALCULATED		2401 - 2441
OXYGENATES	ASTM D4815	VOL. %	NONE
WATER CONTENT	ASTM E1064	WT. %	0.01, MAX

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