



# Gage Products Company Technical Data Sheet

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Date Printed: 12/16/19 at 9:28 PM

EPA Tier 3 E85  
42069-55F

Test	Method	UOM	Specification
RVP @ 100 F	ASTM D5191	PSI (KPA)	6.3 - 6.5 (43.1 - 44.8)
ETHANOL CONTENT	GAGE-GC2	VOL. %	81.00 - 83.00
MTBE CONTENT	GAGE-GC2	VOL%	0.00 - 0.00
ETBE CONTENT	ASTM D4815	VOL%	0.00 - 0.00
METHANOL CONTENT	GAGE-GC2	VOL%	0.00 - 0.00
PHE	ASTM D6423	PHE	6.50 - 8.50
WATER CONTENT	ASTM E1064	VOL. %	0.000 - 1.000
SPECIFIC GRAVITY @ 15.56 C	ASTM D4052		REPORT
DENSITY @ 15.56 C	ASTM D4052	G/CC	REPORT
SULFUR CONTENT	ASTM D5453	PPM	0.0 - 10.0
MANGANESE CONTENT	ASTM D3831	MG/L	0.00 - 0.25
CARBON CONTENT	ASTM D5291	WT. %	REPORT
HYDROGEN CONTENT	ASTM D5291	WT. %	REPORT
OXYGEN CONTENT	GAGE-CALCULATED	WT. %	REPORT
H/C RATIO	GAGE-CALCULATED	MOLE/MOLE	REPORT
O/C RATIO	GAGE-CALCULATED	MOLE/MOLE	REPORT
NET HEATING VALUE	ASTM D3338MOD (GM)	MJ/KG (BTU/LB)	REPORT
NET HEAT OF COMBUSTION	ASTM D240	MJ/KG (BTU/LB)	REPORT
NET HEATING VALUE DIFFERENCE	[(D3338MOD - D240)/D3338MOD]*100	%	REPORT
EXISTENT GUM (WASHED)	ASTM D381	MG/100ML	5, MAX.
UNWASHED GUM	ASTM D381	MG/100ML	20, MAX.
OXIDATION STABILITY	ASTM D525	MIN.	960, MIN.
AROMATIC CONTENT	ASTM D1319	VOL. %	6, MAX.
OLEFIN CONTENT	ASTM D1319	VOL. %	2, MAX.
SATURATE CONTENT	ASTM D1319	VOL. %	REPORT
D86 DISTILLATION			EVAPORATED
DISTILLATION, IBP	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 10%	ASTM D86	DEG C (DEG F)	70.0 - 80.0 (158.0 - 176.0)
DISTILLATION, 50%	ASTM D86	DEG C (DEG F)	72.0 - 82.0 (161.6 - 179.6)
DISTILLATION, 90%	ASTM D86	DEG C (DEG F)	75.0 - 85.0 (167.0 - 185.0)
DISTILLATION, DRY POINT	ASTM D86	DEG C (DEG F)	REPORT
SEDIMENT CONTENT	ASTM D5452	MG/L	0.00 - 1.00

**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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