



# Gage Products Company Technical Data Sheet

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China 6 RON 95-98 (GB 18352.6)  
42339-55F

Test	Method	UOM	Specification
RESEARCH OCTANE NUMBER	ASTM D2699	RON	95.0 - 98.0
MOTOR OCTANE NUMBER	ASTM D2700	MON	REPORT
OCTANE RATING	GAGE-CALCULATED	R+M/2	90.0, MIN
OCTANE SENSITIVITY	GAGE-CALCULATED	R-M	REPORT
SULFUR CONTENT	ASTM D5453	PPM	10.0, MAX
DOCTOR TEST	ASTM D4952		PASS
PHOSPHORUS CONTENT	ASTM D3231	MG/L	0.20, MAX
LEAD CONTENT	ASTM D3237	MG/L	5.00, MAX
COPPER CORROSION	ASTM D130	COPPER CORR.	1A, MAX.
EXISTENT GUM (WASHED)	ASTM D381	MG/100ML	3.00, MAX
UNWASHED GUM	ASTM D381	MG/100ML	30.00, MAX
OXIDATION STABILITY	ASTM D525	MIN.	960, MIN.
BENZENE CONTENT	ASTM D5580	VOL. %	0.80, MAX
AROMATIC CONTENT	ASTM D1319	VOL. %	30.0 - 35.0
OLEFIN CONTENT	ASTM D1319	VOL. %	10.0 - 15.0
SATURATE CONTENT	ASTM D1319	VOL. %	REPORT
OXYGEN CONTENT	GAGE-CALCULATED	WT. %	0.00 - 0.00
METHANOL CONTENT	ASTM D4815	WT%	0.3, MAX
DISTILLATION, IBP	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 5%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 10%	ASTM D86	DEG C (DEG F)	50.0 - 65.0(122.0 - 149.0)
DISTILLATION, 20%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 30%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 40%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 50%	ASTM D86	DEG C (DEG F)	90.0 - 105.0(194.0 - 221.0)
DISTILLATION, 60%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 70%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 80%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 90%	ASTM D86	DEG C (DEG F)	150.0 - 165.0(302.0 - 329.0)
DISTILLATION, 95%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, DRY POINT	ASTM D86	DEG C (DEG F)	190.0 - 200.0(374.0 - 392.0)
RECOVERY	ASTM D86	VOL. %	REPORT
RESIDUE	ASTM D86	VOL. %	2.0, 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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LOSS	ASTM D86	VOL. %	REPORT
RVP @ 100 F	ASTM D5191	KPA (PSI)	56.0 - 60.0(8.1 - 8.7)
DENSITY @ 20.00 C	ASTM D4052	KG/M3	745 - 760
DENSITY @ 15.00 C	ASTM D4052	KG/M^3	REPORT
IRON	SW846-6020	G/L	0.01, MAX.
MANGANESE CONTENT	ASTM D3831	G/L	0.0020, MAX
APPEARANCE	Clear and Bright	CLEAR & BRIGHT	PASS
CARBON CONTENT	ASTM D5291	WT. %	REPORT
HYDROGEN CONTENT	ASTM D5291	WT. %	REPORT
OXYGEN CONTENT	GAGE-CALCULATED	WT. %	0.00 - 0.00
C/H RATIO	GAGE-CALCULATED	WT/WT	REPORT
H/C RATIO	GAGE-CALCULATED	MOLE/MOLE	REPORT
O/C RATIO	GAGE-CALCULATED	MOLE/MOLE	0.000 - 0.000
NET HEAT OF COMBUSTION	ASTM D240	MJ/KG (BTU/LB)	REPORT

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