



Gage Products Company Technical Data Sheet

Page: 1

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Rocket Grade Kerosene RP-1
41910

Test	Method	UOM	Specification
DISTILLATION, IBP	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 10%	ASTM D86	DEG F (DEG C)	365.0 - 410.0(185.0 - 210.0)
DISTILLATION, 50%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, 90%	ASTM D86	DEG F (DEG C)	REPORT
DISTILLATION, DRY POINT	ASTM D86	DEG F (DEG C)	525.0(273.9), MAX
RESIDUE	ASTM D86	VOL.%	1.5, MAX
LOSS	ASTM D86	VOL.%	1.5, MAX
SPECIFIC GRAVITY @ 60.0°F	ASTM D4052		0.7990 - 0.8150
EXISTENT GUM	ASTM D381	MG/100ML	1.00, MAX
SULFUR CONTENT	ASTM D5453	MG/KG	30.0, MAX
MERCAPTAN SULFUR	ASTM D3227	MG/KG	NON-DETECT
FREEZE POINT	ASTM D2386	DEG F	-60.0(-51.1), MAX
NET HEAT OF COMBUSTION	ASTM D240mod	BTU/LB (MJ/KG)	18500.0(43.1), MIN
KIN. VISCOSITY @ -30.0 F	ASTM D445equiv	CST	16.5, MAX
AROMATIC CONTENT	ASTM D1319	VOL.%	5.0, MAX
OLEFIN CONTENT	ASTM D1319	VOL.%	2.0, MAX
HYDROGEN CONTENT - SWRI #	ASTM D3343	WT.%	13.8, MIN
COPPER CORROSION	ASTM D130	RATING	1, MAX.
WATER RXN INTERFACE RATING	ASTM D1094	RATING	1B, MAX.
PMCC FLASH POINT	ASTM D93	DEG F (DEG C)	140.0(60.0), MIN
PARTICULATE MATTER	ASTM D5452	MG/L	1.0, 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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