



## Product Specification Sheet

### Jet A / Jet A-1 Aviation Fuel

<u>TEST</u>	<u>UNIT</u>	<u>SPECIFICATION</u>	<u>METHOD</u>
		<b>D1655</b>	
		Deg C (F)	
Saybolt Color	Number	Report	D156
ACIDITY TOTAL, MAX	mgKOH/g	0.1	D3242
AROMATIC CONTENT, MAX	vol%	25/26.5	D1319/D6379
NAPHTHALENES, MAX	vol%	3.0	D1840
MERCAPTAN SULFUR, MAX	wt%	0.003	D3227
TOTAL SULFUR, MAX	wt%	0.3	D4294
DISTILLATION, AUTO	--	--	D86
INITIAL BOILING	Celsius	Report	D86
10% RECOVERY, MAX	Celsius	205 (401)	D86
20% RECOVERY	Celsius	Report	D86
50% RECOVERY	Celsius	Report	D86
90% RECOVERY	Celsius	Report	D86
FINAL BOILING, MAX	Celsius	300 (572)	D86
RESIDUE, MAX	%	1.5	D86
LOSS, MAX	%	1.5	D86
FLASH POINT, MIN	Celsius	38 (100)	D56
API GRAVITY	API	37-51	D4052
DENSITY - 15C	g/cm3	0.7753 - 0.8398	D4052
Density - 15.6C (60F)	kg/L	0.775-0.840	D4052
FREEZE PT, MAX	Celsius	-45.5 (-50) Jet A	D7153
FREEZE PT, MAX	Celsius	-47 (-53) Jet A-1	D7153
VISCOSITY @ -20C, MAX	cSt	8	D445
HEAT CONTENT	Btu/lb	18400	D3338
NET HEAT OF COMBUSTION, MIN	MJ/kg	42.8	D3338
SMOKE POINT, MIN	mm	18	D1322
COPPER CORROSION, MAX	Rating	1	D130
JFTOT @260/265 Deg C	--	--	D3241
PRESSURE CHANGE, MAX	mm HG	25	D3241
VISUAL RATING	Rating	<3	D3241
EXISTENT GUM, MAX	mg/100ml	7	D381/IP540
WATER SEPARATION, MIN	1 Unit	85	D3948