

Ref. : PetEx.Spec.09

“AVIATION TURBINE FUEL (ATF)” SPECIFICATIONS

S.NO	DESCRIPTION	METHOD	SPECIFICATION
1.	Density @ 15°C, kg/m ³	IS 1448 P :16	775.0 to 840.0
2.	Colour	ASTM D156/D6045	Report
3.	Appearance	Visual	Clear
4.	Particulate Contamination, mg/l	ASTM D5452/IP 423	Max. 1.0
5.	Mercaptan Sulphur, %w	IS 1448 P :109 / ASTM D:3227	Max. 0.0020
6.	Copper Strip Corrosion(2 hr@ 100°C)	IS 1448 P :15	Max. No.1 strip
7.	Sulphur, Total, %w	ASTM D:4294 / IS 1448 P :34	Max. 0.30
8.	Flash Point (Abel), °C	IS 1448 P :20	Min. 38
9.	Viscosity (Kinematic), @ - 20°C, mm ² /S	IS 1448 P :25	Max. 8.000
10.	Freezing Point, °C	IS 1448 P :11	Max. -47
11.	Total Acidity, mg KOH/g	IS 1448 P :113	Max. 0.015
12.	Aromatics, %v	IS 1448 P :23	Max. 22
13.	Smoke Point, mm	IS 1448 P :31 / ISO 3014	Min. 19
14.	Naphthalene content, %v	IS 1448 P :118	Max. 3.0
15.	Specific Energy, MJ/Kg	ASTM D : 3338 / P:6	Min. 42.8
16.	Electrical Conductivity of Doped Fuel, picosiemens/meter	ASTM D 2624 / ISO 6297	50 to 600

The ATF Marketed in India confirms to BIS Specification IS 1571 – 2008 and DEFSTAN 91-91 /Issue 6 for Aviation Turbine Fuel.

To buy the product in PetEx, Following conditions need to be fulfilled :

- a. The Purchaser should be a member of PetEx.
 - b. The Member should pay EMD (Margin money) of the price of product, as stated in the contract.
 - c. The Member should have valid GST Registration
 - d. The buyer should have all other valid licences for his factory / storage premises.
2. For any clarification on membership, product and procedure, you may call to Mr. Nilesh – M : 9920494214 or logon to www.petexindia.com.