

## Specification and data sheet of iran fuel oil CST 180

Fuel Oil CST 180, commonly referred to as Mazut 180, is a heavy fuel oil primarily used in industrial heating, power generation, and marine applications. Its designation "CST 180" indicates a kinematic viscosity of approximately 180 centistokes at 50°C. Below are the typical specifications for Iranian Fuel Oil CST 180:

Property	Unit	Specification	Test Method
Density at 15°C	kg/m <sup>3</sup>	Max 991	ISO 3675 or ISO 12185
Kinematic Viscosity at 50°C	mm <sup>2</sup> /s	Max 180	ISO 3104
Flash Point	°C	Min 60	ISO 2719
Pour Point	°C	Max 30	ISO 3016
Carbon Residue	% (m/m)	Max 15	ISO 10370
Ash Content	% (m/m)	Max 0.10	ISO 6245
Water Content	% (V/V)	Max 0.50	ISO 3733
Sulfur Content	% (m/m)	Max 3.5	ISO 8754
Vanadium	mg/kg	Max 200	IP 501/IP 470/ISO 14579
Aluminum plus Silicon	mg/kg	Max 80	IP 501/IP 470/ISO 10478
Total Sediment, Potential	% (m/m)	Max 0.10	ISO 10307-2

These specifications are in line with those provided by Asia Petrochemicals LLC.

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