

Specification and data sheet of iran fuel oil CST 380

Fuel Oil CST 380, also known as Intermediate Fuel Oil (IFO) 380, is a residual fuel oil commonly used in marine engines and industrial applications. Its specifications are defined by standards such as ISO 8217:2010 for RMG 380 grade. Below is a summary of its typical properties:

Property	Unit	Specification	Test Method
Density at 15°C	kg/m ³	Max 991	ISO 3675 or 12185
Kinematic Viscosity at 50°C	mm ² /s (cSt)	Max 380	ISO 3104
Flash Point	°C	Min 60	ISO 2719
Pour Point (upper)	°C	Max 30	ISO 3016
Sulfur Content	% (m/m)	Max 3.5	ISO 8754
Water Content	% (v/v)	Max 0.5	ISO 3733
Ash Content	% (m/m)	Max 0.10	ISO 6245
Aluminum + Silicon	mg/kg	Max 60	IP 501/IP 470/ISO 14579
Vanadium	mg/kg	Max 350	IP 501/IP 470/ISO 14579

These specifications ensure the fuel's suitability for use in marine diesel engines and other industrial applications. It's important to refer to the specific fuel supplier's data sheet for precise values, as they can vary slightly between sources.

