



ISO 8217 2010 Fuel Standard

ISO 8217 2010 Fuel Standard for Residual Fuels

CHARACTERISTICS	380 RMG	180 RMG	180 RME	380 RMK	UNITS	LIMIT
Density @ 15 C	991.0	991.0	991.0	1010.0	kg/m ³	max
Viscosity @ 50 C	380	180	180	380	mm ² /s	max
Viscosity @ 50 C	380	180	180	120	cSt	max
Flash Point	60	60	60	60	C°	min
Pour Point Winter	30	30	30	30	C°	max
Pour Point Summer	30	30	30	30	C°	max
Carbon Residue	18	18	15	20	%m/m	max
Ash	0.10	0.10	0.07	0.15	%m/m	max
Water	0.5	0.5	0.5	0.5	%V/V	max
Sulphur	As per statutory requirements					
Vanadium	350	350	150	450	mg/kg	max
Aluminium + Silicon	60	60	50	60	mg/kg	max
Sodium	100	100	50	100	mg/kg	max
CCAI	870	870	860	870	-	max
Total Sediment Potent	0.10	0.10	0.10	0.10	%m/m	max

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CHARACTERISTICS	DMA	DMB	DMX	DMZ	UNITS	LIMIT
Density @ 15 C	890	900	-	890.0	kg/m ³	max
Viscosity @ 40 C	6.0	11.0	5.5	6.0	mm ² /s	max
Viscosity @ 40 C	2.0	2.0	1.4	3.0	mm ² /s	min
Micro Carbon Residue at 10%	0.3	-	0.3	0.3	%m/m	min
Micro Carbon Residue	-	0.3	-	-	%m/m	max
Water	-	0.3	-	-	%V/V	max
Sulfur	1.5	2.0	1.0	1.5	%(m/m)	max
Total Sediment Existent	-	0.10	-	-	%m/m	max
Ash	0.01	0.01	0.01	0.01	%m/m	max
Vanadium	-	100	-	-	mg/kg	max
Aluminium+Silicon	-	25	-	-	mg/kg	max
Flash point	60	60	43	60	C°	min
Pour point Summer	0	6	-	0	C°	max
Pour point Winter	-6	0	-	-6	C°	max
Cloud Point	-	-	-16	-	C°	max
Calculated Cetane Index	40	35	45	40	-	min

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