

ISO 8217:1996(E) - Specifications of Marine Fuels

Marine Residual Fuels

Characteristics	Limits	Category, ISO-F							
		RMA 10	RMB 10	RMC 10	RMD 15	RME 25	RMF 25	RMG 35	RMH 35
Density at 15° C kg/m ³	max	975.00	981.00		985.00	991.00		991.00	
Kinematic Viscosity at 100° C mm ² /s (1)	max	10.00			15.00	25.00		35.00	
Flash Point (upper), C	min	60.00			60.00	60.00		60.00	
Pour Point (upper),C (2)									
Winter Quality	max	0.00	24.00		30.00	30.00		30.00	
Summer Quality	max	6.00	24.00		30.00	30.00		30.00	
Carbon Residue, % (m/m)	max	10.00		14.00	14.00	15.00	20.00	18.00	22.00
Ash, % (m/m)	max	0.10			0.10	0.10	0.15	0.15	0.20
Water, % (V/V)	max	0.50			0.80	1.00		1.00	
Sulfur, % (m/m)	max	3.50			4.00	5.00		5.00	
Vanadium, mg/kg	max	150		300	350	200	500	300	600
Aluminium plus silicon, mg/kg	max	80.00			80.00	80.00		80.00	
Total sediment potential, % (m/m)	max	0.10			0.10	0.10		0.10	

(1) Annex C gives a brief viscosity/temperature table, for informational purposes only. 1mm²/s = 1CST

(2) Purchasers should ensure that this pour point is suitable for the equipment on board, especially if the vessel is operating in both Northern and Southern hemispheres.