

MAZUT M100 GOST 10585-99

Technical Specification of the Product (according to GOST 10585-99)

COMPONENT	RESULT
The temperature of solidification, not higher °C	42,0
Kinematics viscosity at 80°C not higher, Conditional	16,0
Kinematics viscosity at 80°C not higher, Kinematical, mm ² /c	118
Kinematics viscosity at 100°C not higher, Conditional	6,8
Kinematics viscosity at 100°C not higher, Kinematical, mm ² /c	50
Ash content, not more%	
Low ash MAZUT	0,05
Normal ash MAZUT	0,14
Mechanical impurities, lower then %	1,0
Water content, not higher than %	1,0
Water dissoluble acids (alkalinity)	Absent
Mass fraction of SULPHUR, not more %	
Grade I	0,5%
Grade II	1,0%
Grade III	1,5%
Grade IV	2,0%
Grade V	2,5%
Grade VI	3,0%
Grade VII	3,5%
Temperature of flash in the open crucible °C, not less than	110
Gross calorific value KJ/Kg not less than	40530
Temperature of sodification, °C, not higher than	25; 42 (for mazut from high paraffin oil)
Heat of combustion (the lowest) recalculated for solid fuel K Joul/Kg, not less than	
Grade I, II, III and IV	40530
Grade V, VI, VII	39900
Density at 20 °C, kg/m ³	Not standardized, Must be defined