

# Masut (M100) GOST 10585-75 Specification

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COMPONENT		RESULT
1	Ashcontent, notmore%	0.14
2	Massfractionof sulphur, notmore , %-low- sulphur-	0.5
3	Temperature ofthe flash, notlessCinthe closedcrucible	110MIN
4	The temperature of solidification,nothigherC	25
5	Kinematicsviscosity	118MAX
6	Watercontent	0.5%
7	Mechanicalimpurities	LOWERTHAN0.1%
8	Acidity	LOWERTHAN5mgKOH/1
9	Alkalinity	Nil
10	Grosscalorific value Kcal/kg/kj/kg	Min9700/41300
11	Densityat15.0deg.Ckg/1	0.8900-0.9200
12	Hydrogensulfide content(H2S)pom	0.5max
13	Carbonresidual	LOWERTHAN7%
14	Vanadium(V)ppm	23
15	Aluminum(al)ppm	5
16	Silicon(si)ppm	12
17	Nickel(ni)ppm	29
18	Asphaltenes m /m	3.6%
19	distillation@4mm Hg	—
	Extracted to 760 mm Hg	—
	Initial boiling point deg. C	216
	recovered deg.C 5%	259
	recovered deg.C 10%	310
	recovered deg.C 20%	358
	recovered deg.C 30%	445
	recovered deg.C 40%	502
	recovered deg.C 50%	534
	recovered deg.C 60%	538
	recovered deg.C 75%	545
	recovered deg.C 80%	—
	recovered deg.C 95%	550
Percent recovered vol	78%	
Residue vol	22%	
Total nitrogen m/m	0.192%	
20	Sodium ( na ) ppm	15