

## 4.2 Other requirements

Petrol shall also comply with the requirements of Table 1 when tested by the specified methods.

**Table 1 – Requirement of petrol**

No.	Characteristics	Requirements	Test Method*
1	Density at 15 °C, kg / m <sup>3</sup> , Max.	720 – 775	GS D1298 GS D4052
2	Distillation <ul style="list-style-type: none"> <li>• Temperature, °C, Max. for <ul style="list-style-type: none"> <li>i) 10 % evaporated</li> <li>ii) 50 % evaporated</li> <li>iii) 90 % evaporated</li> </ul> </li> <li>• Final boiling point, °C, Max.</li> <li>• Residue, % by volume, Max</li> </ul>	70 120 190  225  2,0	GS D86
3	Total sulphur, % by mass Max.	0,10	GS D2622 GS D4294 GS D5453
4	Reid vapour pressure, kPa, Max	65	GS D323
5	Copper corrosion, 3h at 40 °C, Max.	1b	GS D130
6	Gum content (solvent washed), mg/100ml, Max	5	GS D381
7	Oxidation stability at 100 °C, minutes, Min.	240	GS D525
8	Lead content ( Pb ), mg /L, Max	0,013	GS D3237
9	Research Octane Number , Min.	91	GS D2699
10	Methylcyclopentadienyl Manganese Tricarbonyl (MMT) mg/L, Max.	18	GS D3831
11	Benzene, %, v/v, Max.	1,5	GS D6277 GS D5580

\*Identical (equivalent) GS ISO methods given in Annex A as well as identical IP methods may be used.

## 5 Marking

The minimum octane number (research method) shall be legibly marked in a circle on the dispensing pump. The minimum internal diameter of the circle shall be 100 mm and the thickness of the outline of the circle shall be not less than 10 mm.

## 6 Sampling and compliance with this standard

### 6.1 General

6.1.1 The sampling procedure given in 6.1.2 shall be applied in determining whether a lot complies with the relevant requirements of this standard. The samples so drawn shall be deemed to represent the lot.