

TURKMENISTAN
 TURKMENBASHY OIL REFINERY COMPLEX
 UNLEADED CAR BENZENE
 TS05766698-28-2003 change, No3

| NO | Description of index | Figure for mark | | |
|----|---|-------------------------------------|------|------|
| | | A-80 | A-92 | A-95 |
| 1 | Octane number.not less than | | | |
| | By motor method | 76,0 | 82,5 | 85,0 |
| | By reserch method | 80,0 | 92,0 | 95,0 |
| 2 | Actual resin concentratin.mg 100sm3 benzine not more than | 0,5 | | |
| 3 | Induction period.min. not less than | 360 | | |
| 4 | Mass portion of sulfur , % not more than | 0,1 | 0,05 | |
| 5 | Copper plate testing | ok | | |
| 6 | Color | From colorless before yellow | | |
| 7 | Density 20 C° kg/m3 | No standard,determination necessary | | |
| 8 | Saturated vapor pressure , kpa | 35-70 | | |
| 9 | Mass portion of merkaptan sulfur , % not more than | No standard | | |
| 10 | Acidity , mg KOH by 100 sm3,not more than | 3,0 | | |
| 11 | fraction composition: | | | |
| | initial boiling point,C°, not less than | 35 | | |
| | 10% summer time | 80 | | |
| | 10% winter time | 75 | | |
| | 50% | 120 | | |
| | 90% | 190 | | |
| | Final boiling point,C°, not more than | 215 | | |
| | Mass portion of residue in flask ,%(vol),not more than | 2 | | |
| 12 | Losses ,%(vol),not more than | 4 | | |
| | Vapor stopper index,not more than | | | |
| | summer time | 950 | | |
| | winter time | 1250 | | |
| 13 | presence of acids and bases,soluble in water | no | | |
| 14 | presence of mechanical impurities and water | no | | |

Note:

1. Car benzene intended for long keeping (5 years) in Gosreserve and Ministry of defense, must have a period to inductions not less 1200 min.

2. Summer time- from 1 April before 1 October

Winter time- from 1 October before 1 April