

**TURKMENISTAN
TURKMENBASHY OIL REFINERY COMPLEX**

**UNLEADED CAR BENZENE
TŞ 05766698-28-2003 change,№3**

№	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 researcher method	80,0	92,0	95,0
2	Actual resin concentration.mg 100sm ³ benzine not more than	5,0		
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 ⁰ C. kg m ³	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 sm ³ , 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		
-Losses, %,(vol.), not more than	4			
12	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 Gosrezerve 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