

TURKMENISTAN
Turkmenbashy Oil Refinery

VISCOUS PETROLEUM BITUMEN

TDS 22245-90

	Description of index	Figures for grades	
		BND 60/90	BND 40/60
1	The depth of needle penetration 0,1mm, not less than at 25 °C at 0 °C	61-90 20	40-60 13
2	Melting point by ring in sphere, °C; not less than	47	51
3	Extensibility, sm, not less than at 25 °C at 0 °C	55 3,5	45 -
4	Fragility temperature, °C, not higher than	-15	-12
5	Changes of the softening temperature after heating up, °C, not more than	5	5
6	Flash point, °C, not less than	230	230
7	Mass portion of water-soluble compounds, %, not more	0,30	0,30
8	Penetration index	-1,0 to +1,0	-1,0 to +1,0