



EASTERN REFINERY LIMITED

SPECIFICATION OF BITUMEN (GRADE: 80-100)

(AS APPROVED BY BSTI (REVISED ON MARCH, 2002))

BITUMEN (GRADE: 80-100)

S N	TESTS	METHOD	LIMIT
1	Specific Gravity @ 25°C/25°C	ASTM D 70	Min. 1.01 Max.1.06
2	Penetration at 25°C (100gms, 5 sec.), 0.1mm	ASTM D 5	Min. 80 Max.100
3	Softening Point, °C (Ring & Ball)	ASTM D 36	Min. 44 Max.55
4	Ductility at 25°C (5cm/min), cm	ASTM D 113	Min. 100
5	Flash Point (open cup), °C	ASTM D 92	Min. 230
6	Loss on Heating, % wt (at 163°C, 5 hours)	ASTM D 6	Max. 0.5
7	Solubility in Trichloroethylene, % wt or Bitumen Content, % wt	ASTM D 2042 ASTM D 4	Min. 99 Min. 99