

BITUMEN PENETRATION

GRADE-40/50

Uses: This grade is primarily used to pave roads in tropical areas.

SPECIFICATIONS

CHARACTERESTIC	RESULT	TEST METHOD
Specific Gravity @ 25/25 °C	1.01/1.06	D -70
Penetration@ 25 °C	40/50	D -5
Softening point °C	52-60	D -36
Ductility @ 25 °C	100min	D -113
Loss of Heating	0.2max	D -6
Drop in penetration after heating	20%max	D -6 & D -5
Flash point °C	250 min	D -92
Solubility in CS ₂ (%wt.)	99.5 min	D -4
Organic Matter insoluble in Cs ₂ (w)%	--	D -4
Spot Test	Negative	A.A.S.H.O.