

Bitumen 40/50		
Charracteristics	Value	Test Method
Specific gravity @25/25°C	1.01-1.06	ASTM -D70
Penetration @ 25°C	40-40	ASTM-D5
Softening Point°C	52-60	ASDM-D 36
Ductility @ 25°C	100min	ASTM-D-113
Loss on Heating %wt	0.2 max	ASTM D 6
Drop in Penetration after Heating%	20 max	ASTM-D5&D6
Flash Point°C 250 min ASTM D-92	250min	ASTM D-92
Solubility in Cs2 %wt	99.5min	ASTM-D4
Spot Test	negative	A.A.S.H.O.T.102*
Bitumen 50/70		
Charracteristics	Value	Test Method
Penetration @ 25°C	50-70	EN-1426
Softening Point°C	46-54	EN-1427
Resistance to Hardening @ 163°C		EN 12607-1
Retained Penetration%	50 MIN	
Chang of Mass%	0.5 MAX	
Flash Point°C	230 min	EN ISO 2592
Solubility% 99.0 min EN 12592	99.0 min	EN- 12592
Penetration Index -	1.5 to +0.7	EN-12591-annex A
Fraass Breaking Point°C	-8 max	EN-12593
Kinematic, Viscosity @ 135°C mm2/s	295 min	EN-12595
Bitumen 60/70		
Characteristic	Value	Test Method
Specific Gravity @ 25/25°C	1.01-1.06	ASTM-D 70
Penetration @ 25°C	60-70	ASTM D-5
Softening Point°C	49-56	ASTM D-36
Ductility @ 25°C	100 min	ASTM D-113
Loss on Heating %wt	0.2 max	ASTM D-6
Drop in Penetration after Heating%	20 max	ASTM D-6 & D-5
Flash Point°C	250 min	ASTM D-92
Solubility in Cs2 %wt	99.5 min	ASTM D-4
Spot Test	negative	A.A.S.H.O.T.102*
Bitumen 80/100		
Characteristic	Value	Test Method
Specific Gravity @ 25°C	1.00-1.05	ASTM D-70
Penetration @ 25°C	80-100	ASTM D-5
Softening Point°C	43 min	ASTM D-36
Ductility @ 25°C	100 min	ASTM D-113
Flash Pint°C	225 min	ASTMD -92
Solubility in Trichloroethylene %wt	99 MIN	ASTM D-4
Loss on Heating %wt	0.5 max	ASTM D-6
Drop in Penetration after Heating%	20 max	ASTM D-6 & D-5
Penetration Index ---	-0.8 to +0.7	-
Spot Test	negative	A.A.S.H.O.T.102*

Bitumen 85/100		
Characteristic	Value	Test Method
Specific Gravity @ 25/25°C	1.01-1.05	ASTM D-70
Penetration @ 25°C	85-100	ASTM D-5
Softening Point°C	45-52	ASTM D-36
Ductility @ 25°C	100 min	ASTM D-113
Loss on Heating %wt	0.5 max	ASTM D-6
Drop in Penetration after Heating%	20 max	ASTM D-6 & D-5
Flash Point°C	225 min	ASTM D-92
Solubility in CS2 %wt	99.5 min	ASTM D-4
Organic Matter Insoluble in CS2	0.2 max	ASTM D-4
Spot Test	negative	A.A.S.H.O.T.102*
Bitumen 100/120		
Characteristic	Value	Test Method
Specific Gravity @ 25/25°C	1.01-1.04	ASTM D-70
Penetration @ 25°C	100-120	100-120 ASTM D-5
Softening Point°C	42-49	ASTM-D 36
Ductility @ 25°C	100 min	ASTM D 113
Loss on Heating %wt	0.2 max	ASTM D-6
Drop in Penetration after Heating%	20 max	ASTM D-6 & D-5
Flash Point°C	250 min	ASTM -D 92
Solubility in CS2 %wt	99.5 min	ASTM D-4
Organic Matter Insoluble in CS2	0.2 max	ASTM D-4
Spot Test	negative	A.A.S.H.O.T.102*
* American Association of State Highway Officials		