



### *Bitumen 30/40 Specifications*

No.	Analysis	Unit	Limit	Test Method
1	Density@25 °C	Kg/m <sup>3</sup>	1010-1060	ASTM D70 or D3289
2	Penetration@25 °C	mm/10	30-40	ASTM D5
3	Softening point	°C	55-63	ASTM D36
4	Ductility@25 °C	Cm	100 Min.	ASTM D113
5	Loss on heating	Wt%	0.2 Max.	ASTM D6
6	Drop in penetration after heating	%	20 Max.	ASTM D5 and D6
7	Flash point	°C	232 Min.	ASTM D92
8	Solubility in Trichloroethylene	Wt%	99.0 Min.	ASTM D2042
9	Spot test	-	Negative	AASHTO T102

**Usage:** The main common usage of bitumen 30/40 is being used for paving and road construction the penetration grade bitumen has a thermoplastic property which causes the material to soften at high temperatures and to harden at low temperatures.

