

Bitumen Penetration Grade 80/100

No.	Analysis	Unit	Limit	Test Method
1	Density@25 °C	Kg/m ³	1010-1050	ASTM D70 or D3289
2	Penetration@25 °C	Mm/10	80-100	ASTM D5
3	Softening point	C	42 Min.	ASTM D36
4	Ductility@25 °C	Cm	100 Min.	ASTM D113
5	Loss on heating	Wt%	0.5 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 D4
9	Spot test	-	Negative	AASHOT102
10	Viscosity@60 °C	P	1000+200	ASTM D2171
11	Viscosity@135 °C	CST	250 Min.	ASTM D2170