



GENERAL DATA SHEET

Penetration Grade Bitumen (100 / 120)

• Road Bitumen 100/120 is used for construction and repair of road surfaces, designed for various types of road applications such as hot asphalt and bituminous mixtures, recommended for regions with temperate climates.

• **Specifications:**

Description	Unit	Specification	Test Method
Specific Gravity @ 25°C	(Kg/m ³)	1.01 - 1.04	ASTM - D - 70
Penetration @ 25°C	(0.1 mm)	100-120	ASTM - D - 5
Softening Point	(°C)	42-49	ASTM - D - 36
Ductility @ 25°C	(cm)	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
Bitumen Content in CS2	(% Wt)	99.5 Min.	ASTM - D - 4
Organic Matter Insoluble in CS2	(% Wt)	0.2 Max.	ASTM - D - 4
Spot Test	-----	Negative	A.A.S.H.O.T.102*

* American Association of State Highway Officials.