

Technical Data Sheet

Bitumen 80/100

It's kind of Bitumen which is provided during the process of oxidation of vacuum bottom the Bitumen production feedstock that derives from distillation tower residue in vacuum oil refineries at the Bitumen production unit. in which its penetration points become between 80/100.

Bitumen Penetration Grade 80/100 is a standard penetration grade Bitumen usually used as a Paving Grade Bitumen suitable for road construction and for the production of asphalt pavements with superior properties. This grade of Bitumen is mainly used in the manufacture of hot mix asphalt for bases and wearing courses.

Bitumen 80/100 is one of the most used bitumen grades and basic material for all alternative bituminous products.

Applications:

Bitumen 80/100 is suitable for road construction and for the asphalt pavements with superior properties. This type of bitumen used in the manufacture of hot mix asphalt for bases and wearing courses.

Bitumen 80/100	Test method	Unit	Specification
Specific gravity @ 25°C	ASTM D70	Kg/cm ³	1.01/1.06
Penetration @ 25°C	ASTM D5	mm/10	80/100
Softening point °C	ASTM D36	°C	42/50
Ductility @25 °C	ASTM D113	cm	100 min
Loss on heating(wt) %	ASTM D6	wt %	0.2 max
Drop in penetration after heating %	ASTM D5-D6	%	20 max
Flashpoint °C	ASTM D92	°C	250 min
Solubility in CS ₂ (wt) %	ASTM D4	wt %	99.5 min
Spot test	A.A.S.H.O.T102		Negative