



## Bitumen 85/100

This bitumen is produced through aeration on vacuum bottom (the raw material used for making bitumen left in vacuum distillation column in oil refineries) in bitumen production units. Its penetration grade (measure of bitumen hardness) is between 85 to 100.

Specification is Relatively Low Aeration

It is used in areas with cold weather for asphaltting and insulation. It is not cracked in low temperatures.

TYPICAL SPECIFICATION			
CHARACTERISTICS	UNIT	SPECIFICATION	TEST METHOD
Density	25 ° C	1.01-1.06	ASTM D-70
Penetration (0.1 mm)	25 ° C, 100g, 5s	85-100	ASTM D-50
Flash Point	° C	Min 232	ASTM D-92
Ductility (cm)	25 ° C, 5cm, per minute	Min 100	ASTM D-113
Softening point	° C	...	ASTM D-36
Solubility	in Trichloroethylene	99	ASTM D-2042
Effects on heat and Air (TFOT)%	163 ° C, 5Hr	...	ASTM D-1754
Spot Test	Xylene - Heptane	Negative	
Penetration (0.1 mm) After TFOT	25° C, 100g, 5s	...	ASTM D5
Retained Penetration (% of original)	25° C, 100g, 5s	Min 50	ASTM D5
Ductility (cm) After TFOT	25 ° C, 5cm, per minute	Min 75	ASTM D113