



Bitumen 180/200

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 180/200 is a very soft grade of penetration bitumen. Bitumen 180/200 is selected for situations where extreme flexibility is required, particularly in very cold environments. Its softness makes it less common for standard road construction, but crucial in specialized applications where other grades would become too brittle.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	180-200	ASTM D5
Softening Point °C	°C	Min. 35	ASTM D36
Flash Point Cleveland open cup	°C	Min. 220	ASTM D92
Ductility @25°C, 5 cm/min	CM	Min. 100	ASTM D113
Solubility in Trichloroethylene	%	Min. 99	ASTM D2042
After Thin-Film Oven Test			ASTM D1754
- Drop in Penetration	%	Max. 20	ASTM D5
- Loss on Heating	%Wt	Max. 0.5	ASTM D6
Spot Test	-	Negative	AASHTO T102

Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping.

Application:

Bitumen 180/200 is a thermoplastic material that is derived from petroleum and is used in a variety of applications including road construction used in base courses and surface treatments; used in roofing materials, including shingles, felt, and modified bitumen membranes; used in waterproof basements, foundations, and other structures; used as an adhesive for a variety of materials, including wood, metal, and concrete; and also used to seal cracks and joints in concrete and other materials.

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained.

Packaging:

New steel drums, reconditioned steel drums or Bulk in Bitumen Tank Containers.

Steel Drums : 180Kg, 200Kg
Bulk : Tank Container

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