



Bitumen 60/70

(Penetration Grade Bitumen)

PRODUCT DATA SHEET

Bitumen 60/70 is a versatile, medium-hard bitumen grade widely used in road construction, particularly for highways and urban roads. Its balance of flexibility and durability makes it suitable for use in both hot and moderate climates.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	60-70	ASTM D5
Softening Point °C	°C	Min. 46	ASTM D36
Flash Point Cleveland open cup	°C	Min. 230	ASTM D92
Ductility @25°C, 5 cm/min	CM	Min. 100	ASTM D113
Solubility in Trichloroethylene	% Wt	Min. 99.0	ASTM D2042
After Rolling Thin-Film Oven Test (RTFO)			
Loss on Heating	%Wt	Max. 0.8	ASTM D6
Retained Penetration	%	Min. 52	ASTM D5
Ductility of residue @25°C (77°F), 5 cm/min	CM	Min. 50	ASTM D113
Drop in Penetration	%	Max. 20	ASTM D5
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 Grade 60/70 is commonly used to manufacture Asphalt Mixes, Cut-back Bitumen, Bitumen Emulsions and Modified Bitumen.

Application Temperature

Storing: 120°C - 150°C.

Mixing: 135°C - 155°C.

Compacting: 125°C - 145°C.

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 eco-friendly Weatherproof packaging in poly bags. Bulk in vessel.

Steel Drums: 180Kg, 200Kg

Poly Bags: 300Kg, 1000Kg

Bulk: Vessel Load, Tank Container

Code Approvals/Compliance:

Meets: ASTM D946, AASHTO M 20-70(2004), MS 124: 2020

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