

# ASA BITUMEN

## BITUMEN 60/70

**ASA BITUMEN**, as one of the largest producers and exporters of bitumen, supplies Bitumen 60/70, a versatile, medium-hard grade widely used in road construction, particularly for highways and urban roads. Its balanced combination of flexibility and durability makes it highly suitable for application in both hot and moderate climatic conditions.

Characteristic	Unit	Limits	Test Method
Penetration @ 25°C (77°F), 100 g, 5 sec	0.1 mm	60 – 70	ASTM D5
Softening Point	°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, 5 cm/min	cm	Min. 50	ASTM D113
Drop in Penetration	%	Max. 20	ASTM D5
Spot Test	—	Negative	AASHTO T102

### Quality:

At **ASA BITUMEN**, the quality of bitumen is guaranteed for every shipment through strict production control and comprehensive quality assurance procedures. International inspectors are appointed to verify product quality, and each batch is supported by an official test report issued prior to shipment.

### Application:

**ASA BITUMEN** supplies Bitumen Grade 60/70, which is widely used in the production of asphalt mixes, cutback bitumen, bitumen emulsions, and modified bitumen. Recommended application temperatures are as follows: storage at 120°C – 150°C, mixing at 135°C – 155°C, and compacting at 125°C – 145°C, ensuring optimal performance and workability during processing and application.

### Health & Safety:

At **ASA BITUMEN**, bitumen is not expected to pose any significant health or safety risks when handled and applied in accordance with recommended practices. Maintaining proper industrial procedures and high standards of personal hygiene ensures safe and reliable use during all stages of application.

### Packaging:

**ASA BITUMEN** offers flexible and secure packaging solutions to meet various customer requirements. Packaging options include new steel drums, reconditioned steel drums, and eco-friendly, weatherproof poly bags. Bulk supply is also available by vessel or tank container. Standard packing sizes are steel drums (180 kg and 200 kg), poly bags (300 kg and 1,000 kg), and bulk shipments via vessel load or tank containers.

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