



ATB HAMBURG

PETROLEUM BITUMEN – PENETRATION GRADE 60/70

Product Specification Sheet | Technical Data

PRODUCT NAME
Petroleum Asphalt / Bitumen

GRADE SPECIFICATION
Penetration 60/70

APPLICATION
Road Construction & Paving

MATERIAL CHARACTERISTICS & TEST SPECIFICATIONS

No.	Material Characteristic / Analysis	Unit	Specified Limit	Test Method
1	Density @ 25°C	Kg/m³	1010 - 1050	ASTM D70 / D3289
2	Penetration @ 25°C	0.1 mm	60 - 70	ASTM D5
3	Softening Point	°C	46 - 54 (46 Min.)	ASTM D36
4	Ductility @ 25°C	cm	100 Min.	ASTM D113
5	Loss on Heating (TFOT)	wt%	0.5 Max.	ASTM D6
6	Drop in Penetration After Heating	%	20 Max.	ASTM D5 & D6
7	Retained Penetration after RTFOT	%	52 Min.	ASTM D1754/D5
8	Ductility after RTFOT @ 25°C	cm	50 Min.	ASTM D1754/D113
9	Flash Point	°C	232 Min.	ASTM D92
10	Solubility in Trichloroethylene	wt%	99.0 Min.	ASTM D4 / D2042
11	Spot Test	—	Negative	AASHTO T102

QUALITY & COMPLIANCE ASSURANCE

- The product strictly conforms to international standard specifications for petroleum bitumen grades.
- Tested and verified via recognized standard laboratory testing protocols (ASTM / AASHTO).
- Supplied with a full Certificate of Analysis (COA) per production batch.

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ATB HAMBURG

PETROLEUM BITUMEN – PENETRATION GRADE 70/100

Product Specification Sheet | Technical Data

PRODUCT NAME

Petroleum Asphalt / Bitumen

GRADE SPECIFICATION

Penetration 70/100

APPLICATION

Road Construction & Paving

MATERIAL CHARACTERISTICS & TEST SPECIFICATIONS

No.	Material Characteristic / Analysis	Unit	Specified Limit	Test Method
1	Density @ 25°C	Kg/m³	1010 - 1050	ASTM D70 / D3289
2	Penetration @ 25°C	0.1 mm	70 - 100	ASTM D5
3	Softening Point	°C	43 - 51 (42 Min.)	ASTM D36
4	Ductility @ 25°C	cm	100 Min.	ASTM D113
5	Loss on Heating	wt%	0.5 Max.	ASTM D6
6	Drop in Penetration After Heating	%	20 Max.	ASTM D5 & D6
7	Flash Point	°C	232 Min.	ASTM D92
8	Solubility in Trichloroethylene	wt%	99.0 Min.	ASTM D4
9	Spot Test	—	Negative	AASHTO T102

QUALITY & COMPLIANCE ASSURANCE

- The product strictly conforms to international standard specifications for petroleum bitumen grades.
- Tested and verified via recognized standard laboratory testing protocols (ASTM / AASHTO).
- Supplied with a full Certificate of Analysis (COA) per production batch.

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