



EXPERIENCE REPUTABLE PROCESS

Bitumen specification

Bitumen 60-70

Supplier 1

NUM	Analysis	Unit	Limit	Test Method
1	Density @25°C	Kg/m ³	1010-1060	ASTM D70 or D3289
2	Penetration @25°C	mm/10	60-70	ASTM D5
3	Softening point	°C	46 min	ASTM D36
4	Ductility @25°C	cm	100 min	ASTM D113
5	Loss on heating	Wt%	0.2 max	ASTM D6
6	Drop in penetration after heating	%	20 max	ASTM D5
7	Flash point	°C	230 min	ASTM D92
8	Solubility in Trichloroethylene	Wt%	99.0 min	ASTM D2042
9	Spot test	-	Negative	AASHTO T102
10	Dynamic viscosity @60°C	Pa.S	200±40	ASTM D2171
11	Kinematic viscosity @135°C	cSt	300 min	ASTM D2170
12	Wax Content	%	2 max	DIN EN 12606-1



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Bitumen specification

Bitumen 60 – 90

Supplier 1

NUM	Specifications	60-90	Test Method
1	Specific Gravity	1.00-1.25	ASTM D3289
2	Penetration (25°C, 100g, 5s),0.1mm	60-90	ASTM D5
3	Softening point,°C	40-60	ASTM D36
4	Flash point,°C	230 min	ASTM D92
5	Ductility (25°C,5cm/min),cm	100 min	ASTM D113
6	Solubility in TCE,wt%	99.5 min	ASTM D4
7	Spot Test	Negative	AASHTO T102
8	Loss on heating, wt%	0.03 max	ASTM D6



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Bitumen specification

Bitumen 40 - 50

Supplier 1

Analysis	Unit	Limit	Test Method
Density @25°C	Kg/m ³	1010-1060	ASTM D70 or D3289
Penetration @25°C	mm/10	40-50	ASTM D5
Softening point	°C	49 min	ASTM D36
Ductility @25°C	cm	100 min	ASTM D113
Loss on heating	Wt%	0.2 max	ASTM D6
Drop in penetration after heating	%	20 max	ASTM D5
Flash point	°C	230 min	ASTM D92
Solubility in Trichloroethylene	Wt%	99.0 min	ASTM D2042
Spot test	-	Negative	AASHTO T102
Dynamic viscosity @60°C	Pa.S	400±80	ASTM D2171
Kinematic viscosity @135°C	cSt	400 min	ASTM D2170
Wax Content	%	2 max	DIN EN 12606-1