



- SPECIFICATION :

NIOC (National Iranian Oil company) analysis according to international standards and S.G.S inspection approved

BITUMEN

PROPERTY / UNIT	SPEC.	METHOD
Density, 25°C, (kg/m ³)	1.010/1.060	ASTM D71 or ASTM D3289
Penetration, 25°C, (mm/10)	60-70	ASTM D5
Softening Point (°C)	49-56	ASTM D36
Ductility, 25°C, (cm/s)	>100	ASTM D113
Loss On Heating (WT%)	0.2 Max	ASTM D6
Drop-in Penetration After Heating (%)	20 Max	ASTM D6 and ASTM D5
Flash Point (°C)	>250°C	ASTM D92
Solubility in sc2 (WT%)	>99.5	ASTM D4
Spot Test	Negative	* A.A.S.H.O.T 102

* American Association of State Highway officials

- QUALITY :

Iran Oil Refinery Bitumens are manufactured and supplied to a quality system complying with and approved to ISO 29001:2003, ISO 14001:2004, OHSAS 18001:1999.

- USES AND RESTRICTIONS :

IRAN Penetration Bitumen 60-70 are used as components for road construction. This product must not be used in applications other than the above without first seeking the advise of the supplier.





- SPECIFICATION :

NIOC (National Iranian Oil company) analysis according to international standards and S.G.S inspection approved

BITUMEN

PROPERTY / UNIT		SPEC.	METHOD
Penetration, 25°C, 100 gr, 5 S, (1/10mm)		80-100 / 85-100	ASTM D5
Ductility, 25°C, 5 cm/min (cm)		>100	ASTM D113
Softening Point (°C)		42-52 / 45-52	ASTM D36
Loss On Heating (163°C-5H) (WT%)		0.5 Max	ASTM D6
Drop-in Penetration After Heating (%)		20 Max	ASTM D6805
Loss of Weight (%)		<0.8	ASTM D1754
After Thin Film Oven Test (163°C,5H)	Retained Penetration (%)	>50	ASTM D5
	Ductility	25°C	>100
15°C		<100	
Flash Point (°C)		>225°C	ASTM D92
Bitumen Content (WT%)		>99.9	ASTM D4
Solubility in T.C.E (WT%)		>99	ASTM D2042
Density, 25°C (Kg/m ³)		1.000/1.050	ASTM D71 or D3289
Temperature (°C)		Max 90-110 above the Soft	

- QUALITY :

Iran Oil Refinery Bitumens are manufactured and supplied to a quality system complying with and approved to ISO 29001:2003, ISO 14001:2004, OHSAS 18001:1999.

- USES AND RESTRICTIONS :

IRAN Penetration Bitumen 80-100 are used as components for road construction.

This product must not be used in applications other than the above without first seeking the advise of the supplier.

