

ISFAHAN BITUMEN PRODUCTION GROUP

PENETRATION BITUMEN

80/100 GRADE



- SPECIFICATION :

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

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	ASTM D113
		15°C	>100	ASTM D113
Flash Point (°C)		>230°C	ASTM D92	
Bitumen Content (WT%)		>99.5	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		

BITUMEN

- 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.


NIOC