

ISFAHAN BITUMEN PRODUCTION GROUP

PENETRATION BITUMEN

85/100 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
		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 ²)		1.001/1.050	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 85-100 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.