



ISFAHAN BITUMEN PRODUCTION GROUP  
PENETRATION BITUMEN  
50/70 GRADE

**- SPECIFICATION :**

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

PROPERTY / UNIT	SPEC.	METHOD
Density, 25°C, (kg/m <sup>3</sup> )	1.010/1.060	ASTM D70
Penetration, 25°C, (mm/10)	50-70	ASTM D5
Softening Point (°C)	46-54	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 50-70 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.