

The price may change at any time

Dear Partner,

We can supply you all grade buyer analyse Bitumen from our own factory request as following :

Commodity :

Bitumen FOB Bandar Abbas seaport or CIF/CFR/C&F

FOB : 60/70 & 80/100 : 242\$mt date : 10/07/2016 valide only 48 hours since this date

FOB : 40/50 : 246 \$mt

FOB : Big Bag 300 kg : 250 \$mt

FOB : Flexitank : 245 \$mt

- Origin: Iran

- Quantity : Min 1000 MT

- Capacity : 30,000Mt/Day

- Packing: New or old Steel Drums 182 L (+/-5) kg, Big bag 300 kg, Flexitank

- Port of discharge: FOB Bandar Abbas Seaport of Iran

-CIF : FOB price + Shipping cost depend the destination

- Inspection : SGS at loading port

- First Shipment : within 25-30 days after receipt of buyer's confirmed first TT30% or L/C

- Terms of Payment : TT 30/70 or 100% L/C at sight , Irrevocable, Confirmed by Prime Banks + 10\$mt

The price 275/310 \$ mt FOB bandar Abbas IRAN in new barrels of 182 L valid only for 24 hours.

For the final destination, we need ICPO from the final buyer.

American Association of State Highway and Transportation Officials

QUALITY:

Iranian Oil refineries Bitumen are manufactured and supplied to a quality system complying with and approved to ISO 29001:2003, ISO 14001:2004, OHSAS 18001:1999.

We can adapt according to the customer's budget.

Procedure :

- 1- Buyer ask inquiry by LOI.**
- 2- Seller offer specification & prices .**
- 3- Buyer send ICPO/Latest dated BCL according to offered specification & prices .**
- 4- Seller will issue FCO and will send to buyer .**
- 5- Buyer sign & seal FCO and return to Seller .**
- 6- Buyer send Draft Contract to Buyer .**
- 7- Buyer sign & seal Contract and return to Seller for sign & Seal too .**
- 8- Buyer issue pre advice L/C (no operative L/C) .**

MC30

Property	Min	Max	Test Method
Kinematic viscosity at 60 °c mm ² /s	30	60	ASTM D2170
Flash point (tag open-cup) , °c	38	-	ASTM D3143
Distillate test:			
Distillate, volume, percent of total distillate to 360 °c			
To 225 °c	-	25	ASTM D402
To 260 °c	40	70	ASTM D402
To 316 °c	75	93	ASTM D402
Residue from distillation to 360 °c, Percent volume by difference	50	-	ASTM D402
Test on residue from distillation :			
Viscosity at 60 °c	30	120	ASTM D2170
Penetration at 25 °c	120	250	ASTM D5
Ductility at 25 °c	100	-	ASTM D113
Solubility in trichloroethylene , %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

MC70

Property	Min	Max	Test Method
Kinematic viscosity at 60 °c mm ² /s	70	140	ASTM D2170
Flash point (tag open-cup) , °c	38	-	ASTM D3143
Distillate test: Distillate, volume, percent of total distillate to 360 °c			
To 225 °c	-	20	ASTM D402
To 260 °c	20	60	ASTM D402
To 316 °c	65	90	ASTM D402
Residue from distillation to 360 °c, Percent volume by difference	55	-	ASTM D402
Test on residue from distillation :			
Viscosity at 60 °c	30	120	ASTM D2170
Penetration at 25 °c	120	250	ASTM D5
Ductility at 25 °c	100	-	ASTM D113
Solubility in trichloroethylene , %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

MC250

Property	Min	Max	Test Method
Kinematic viscosity at 60 °c mm ² /s	250	500	ASTM D2170
Flash point (tag open-cup) , °c	66	-	ASTM D3143
Distillate test: Distillate, volume, percent of total distillate to 360 °c			
To 225 °c	-	10	ASTM D402
To 260 °c	15	55	ASTM D402
To 316 °c	60	87	ASTM D402
Residue from distillation to 360 °c, Percent volume by difference	67	-	ASTM D402
Test on residue from distillation :			
Viscosity at 60 °c	30	120	ASTM D2170
Penetration at 25 °c	120	250	ASTM D5
Ductility at 25 °c	100	-	ASTM D113
Solubility in trichloroethylene , %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

MC800

Property	Min	Max	Test Method
Kinematic viscosity at 60 °c mm ² /s	800	1600	ASTM D2170
Flash point (tag open-cup) , °c	66	-	ASTM D3143
Distillate test: Distillate, volume, percent of total distillate to 360 °c			
To 225 °c	-	-	ASTM D402
To 260 °c	-	35	ASTM D402
To 316 °c	45	80	ASTM D402
Residue from distillation to 360 °c, Percent volume by difference	75	-	ASTM D402
Test on residue from distillation :			
Viscosity at 60 °c	30	120	ASTM D2170
Penetration at 25 °c	120	250	ASTM D5
Ductility at 25 °c	100	-	ASTM D113
Solubility in trichloroethylene , %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

MC3000

Property	Min	Max	Test Method
Kinematic viscosity at 60 °c mm ² /s	3000	6000	ASTM D2170
Flash point (tag open-cup) , °c	66	-	ASTM D3143
Distillate test: Distillate, volume, percent of total distillate to 360 °c			
To 225 °c	-	-	ASTM D402
To 260 °c	-	15	ASTM D402
To 316 °c	15	75	ASTM D402
Residue from distillation to 360 °c, Percent volume by difference	80	-	ASTM D402
Test on residue from distillation :			
Viscosity at 60 °c	30	120	ASTM D2170
Penetration at 25 °c	120	250	ASTM D5
Ductility at 25 °c	100	-	ASTM D113
Solubility in trichloroethylene , %	99	-	ASTM D2042
Water, %	-	0.2	ASTM D95

Bitumen grade 40/50

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	52-60	ASTM D36
Ductility@25°C	cm	100min	ASTM D113
Loss on Heating	wt%	0.2max	ASTM D6
Drop in Penetration after Heating	%	20max	ASTM D5
Flash Point	°C	232min	ASTM D92
Solubility in Trichloroethylene	wt%	99.0min	ASTM D2042
Spot Test	---	Negative	A.A.S.H.O.T.102
Viscosity@60°C	P	4000±800	ASTM D2171
Viscosity@135°C	cSt	400min	ASTM D2170

TEST ON RESIDUE FROM THIN FILM OVEN TEST (ASTM D1754)

ANALYSIS	UNIT	LIMIT	TEST METHOD
RESTAINED PENETRATION AFTER (T.F.O.T), %	%	58 MIN	ASTM D5
DUCTILITY, (25°C), 5CM/MIN, CM AFTER TFOT	CM	50	ASTM D113
VISCOSITY @ 60 °C	P	20000 MAX	ASTM D 2171

Bitumen grade 60/70

ITEM	SPECIFICATION	UNIT	RESULT/TEST METHOD (ASTM)
1	SPECIFIC GRAVITY @ 25/25°C	1.00-1.06	D-70
2	PENETRATION @25°C	60/70	D-5
3	SOFTENING POINT(°C)	49/56	D36
4	DUCTILITY @ 25°C	100 Min	D-113
5	LOSS ON HEATING (WT)%	0.2 Max	D-6
6	DROP IN PENETRATION AFTER HEATING %	20 Max	D-6 & D-5
7	FLASH POINT °C	250 Min	D-92
8	SOLUBILITY IN CS ₂ (WT)%	99.5 Min	D-4
9	SPOT TEST	NEGATIVE	*A.A.S.H.O.T.102

Factory Production Capacity : 300.000 MTS / Yearly

Bitumen grade 80/100

QUALITY : Iran Oil Refinery Bitumen are manufactured and supplied to a quality system complying with and approved to ISO29001:2003, ISO14001:2004, OHSAS: 18001:1999.

ITEM	SPECIFICATION	UNIT	RESULT/TEST METHOD (ASTM)
1	SPECIFIC GRAVITY @ 25/25°C	1.00-1.05	D-70
2	PENETRATION @25°C	80/100	D-5
3	SOFTENING POINT(°C)	45/52	D36
4	DUCTILITY @ 25°C	100 Min	D-113
5	LOSS ON HEATING (WT)%	0.5 Max	D-6
6	DROP IN PENETRATION AFTER HEATING %	20 Max	D-6 & D-5
7	FLASH POINT °C	225 Min	D-92
8	SOLUBILITY IN CS ₂ (WT)%	99.5 Min	D-4
9	ORGANIC MATTER INSOLUBLE IN Cs ₂ (wt)%	0.2 Max	D-4

Viscosity Grade Bitumen

Viscosity Grade Bitumen is widely used in spraying applications such as surface-dressing and paving in very cold climate. It is also used to manufacture Bitumen emulsion and Modified Bitumen products.

CHARACTERISTICS	VG-10	VG-20	VG-30	VG-40
Absolute viscosity.60°C .poises. min	800	1600	2400	3200
Kinematic Viscosity.135 °C .CST. min	250	300	350	400
Flash point. C. min	220	220	220	220
Solubility in trichloroethylene. % . min	99.0	99.0	99.0	99.0
Penetration a 25 °C	80-100	60-80	50-70	40-60
Softening point. C. min.	40	45	47	50
Test on residue from thin film over test / RTFOT:				
i. Viscosity ratio at 60 °C. max	4.0	4.0	4.0	4.0
ii. Ductility at 25 °C. cm. min. after thin film over test	75	50	40	25

Penetration Grade Bitumen

Test	Methodology	30-40	40-50	60-70	85-100	100-120
Density	ASTM D-7	1/01-1/06	1/01-1/06	1/01-1/06	1/01-1/05	1/01-1/04
Penetration Rate At 25°C, 10/mm	ASTM D-5	30-40	40-50	60-70	85-100	100-120
Softening Point °C	ASTM D-36	55-63	52-60	49-56	45-52	42-49
Ductility at 25°C (cm)	ASTM D-113	Min 100	Min 100	Min 100	Min 100	Min 100
Flash Point °C	ASTM D-92	Min 250	Min 250	Min 250	Min 225	Min 250
Solubility in Disulfide % wt	ASTM D-4	Min 99/5	Min 99/5	Min 99/5	Min 99/5	Min 99/5
Stain Test	AASHTO T 102	Negative	Negative	Negative	Negative	Negative
Weight Loss by Heating % wt	ASTM D-6	Max 0/2	Max 0/2	Max 0/2	Max 0/2	Max 0/2
Penetration Loss by Heating %	D-5-ASTM D-6	Max 20	Max 20	Max 20	Max 20	Max 20



