



GRADES AND PACKAGING CATALOG



Optim is an exporter of various grades of bitumen in different types of packaging. Entering the international bitumen market with the slogan “A Reliable Route to Quality,” the company is ready to cooperate with traders and contractors in infrastructure and road construction projects through its offices in the UAE, Iraq, and Iran, as well as via its website and social media channels.



ABOUT US

Optim International Group is an active player in the supply and export of bitumen. The company is committed to sourcing high-quality products from reliable origins and supporting every stage of the export process, from procurement to final delivery. This customer-oriented approach forms the foundation of Optimeh's philosophy and represents its reliable Route to quality.

This catalog provides an overview of the company, a detailed introduction to various bitumen grades and their applicable standards, as well as the different types of packaging offered for each product. Optim - Group primary focus is on delivering high-quality bitumen that meets international requirements. The majority of its products are sourced from reputable and well-established bitumen producers in the Middle East, ensuring consistent quality, reliability, and suitability for a wide range of industrial, infrastructure, and road construction applications.



OUR PRODUCTS PACKAGING



Drum

Bitumen packed in steel drums is a reliable and widely used solution for export and storage. It ensures product integrity, easy handling, and suitability for long-distance transportation.

Bulk

Bulk bitumen is the most economical option for large-volume projects. It is supplied via tanker vessels or trucks, ensuring fast loading, consistent quality, and cost efficiency.

Jumbo

Jumbo bag packaging offers a modern and efficient solution for bulk bitumen delivery. It reduces handling costs, optimizes container space, and allows clean and safe discharge.

Flexi

Flexi tank packaging enables liquid bitumen transportation inside standard containers. It provides high volume capacity, reduced packaging costs, and efficient logistics for overseas shipments.

DELIVERY AND PAYMENT TERM

RELIABLE
DELIVERY



DELIVERY TERMS

FOB: DELIVERY ON BOARD AT ORIGIN PORT

FCA: DELIVERY TO CARRIER, CLEARED FOR EXPORT

CFR: COST & FREIGHT TO DESTINATION PORT

CIF: COST, FREIGHT & INSURANCE INCLUDED

CPT: CARRIAGE PAID TO NAMED PLACE

DAP: DELIVERED AT BUYER'S LOCATION

EXW: EX WORKS, BUYER HANDLES LOGISTICS

PAYMENT TERM

- **T/T Advance** – Payment before shipment
- **T/T at Sight** – Payment upon documents
- **L/C at Sight** – Payment against compliant documents
- **Usance L/C** – Deferred payment letter of credit
- **D/P** – Documents against payment
- **Open Account** – Payment after delivery
- **CAD** – Cash against documents



SAFE
PAYMENT

BITUMEN GRADES ANALYSIS

40/50



Property	Test Method	Unit	Specification
Penetration @25°C	ASTM D5	0.1 mm	40 – 50
Softening Point (R&B)	ASTM D36	°C	50 – 60
Ductility @25°C	ASTM D113	cm	Min 100
Flash Point (COC)	ASTM D92	°C	Min 230
Solubility in Trichloroethylene	ASTM D2042	% wt	Min 99.0
Specific Gravity @25°C	ASTM D70	–	1.01 – 1.06
Loss on Heating (163°C, 5h)	ASTM D6	% wt	Max 0.5
Penetration after TFOT	ASTM D5	% of original	Min 50
Spot Test	AASHTO T102	–	Negative

BITUMEN GRADES ANALYSIS

60/70



Property	Test Method	Unit	Specification
Penetration @25°C	ASTM D5	0.1 mm	60-70
Softening Point (R&B)	ASTM D36	°C	48-56
Ductility @25°C	ASTM D113	cm	Min 100
Flash Point (COC)	ASTM D92	°C	Min 230
Solubility in Trichloroethylene	ASTM D2042	% wt	Min 99.0
Specific Gravity @25°C	ASTM D70	-	1.01 – 1.06
Loss on Heating (163°C, 5h)	ASTM D6	% wt	Max 0.5
Penetration after TFOT	ASTM D5	% of original	Min 50
Spot Test	AASHTO T102	-	Negative

BITUMEN GRADES ANALYSIS

85/100



Property	Test Method	Unit	Specification
Penetration @25°C	ASTM D5	0.1 mm	85-100
Softening Point (R&B)	ASTM D36	°C	45-22
Ductility @25°C	ASTM D113	cm	Min 100
Flash Point (COC)	ASTM D92	°C	Min 230
Solubility in Trichloroethylene	ASTM D2042	% wt	Min 99.0
Specific Gravity @25°C	ASTM D70	-	1.01 - 1.06
Loss on Heating (163°C, 5h)	ASTM D6	% wt	Max 0.5
Penetration after TFOT	ASTM D5	% of original	Min 50
Spot Test	AASHTO T102	-	Negative

BITUMEN GRADES ANALYSIS

160/220



Property	Test Method	Unit	Specification
Penetration @25°C	ASTM D5	0.1 mm	160-220
Softening Point (R&B)	ASTM D36	°C	35-43
Ductility @25°C	ASTM D113	cm	Min 100
Flash Point (COC)	ASTM D92	°C	Min 220
Solubility in Trichloroethylene	ASTM D2042	% wt	Min 99.0
Specific Gravity @25°C	ASTM D70	-	1.00 - 1.05
Loss on Heating (163°C, 5h)	ASTM D6	% wt	Max 0.1
Penetration after TFOT	ASTM D5	% of original	Min 55
Spot Test	AASHTO T102	-	Negative

BITUMEN GRADES ANALYSIS

200/300



Property	Test Method	Unit	Specification
Penetration @25°C	ASTM D5	0.1 mm	200-300
Softening Point (R&B)	ASTM D36	°C	33 - 40
Ductility @25°C	ASTM D113	cm	Min 100
Flash Point (COC)	ASTM D92	°C	Min 220
Solubility in Trichloroethylene	ASTM D2042	% wt	Min 99.0
Specific Gravity @25°C	ASTM D70	-	1.00 - 1.05
Loss on Heating (163°C, 5h)	ASTM D6	% wt	Max 0.1
Penetration after TFOT	ASTM D5	% of original	Min 55
Spot Test	AASHTO T102	-	Negative

BITUMEN GRADES ANALYSIS

VG



Property	VG10	VG20	VG30	VG40
Absolute Viscosity @60°C (Poise)	800 – 1200	1600 – 2400	2400 – 3600	3200 – 4800
Kinematic Viscosity @135°C (cSt)	Min 250	Min 300	Min 350	Min 400
Penetration @25°C (0.1 mm)	Min 80	Min 60	Min 45	Min 35
Softening Point (R&B) °C	Min 40	Min 45	Min 47	Min 50
Ductility @25°C (cm)	Min 75	Min 50	Min 40	Min 25
Flash Point (COC) °C	Min 220	Min 220	Min 220	Min 220
Loss on Heating (TFOT) %	Max 1.0	Max 1.0	Max 1.0	Max 1.0
Viscosity Ratio after TFOT	Max 4.0	Max 4.0	Max 4.0	Max 4.0
Spot Test	Negative	Negative	Negative	Negative



A reliable Route To Quality

contact us



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