



INVESTMENT & TRADING

BITUMEN VG10

PREMIUM QUALITY BITUMEN
FOR VARIOS APPLICATIONS



High performance



Consistent Quality



International Standard



Reliable Supply

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BITUMEN VG10

ABOUT THE PRODUCT

Bitumen VG10 (Viscosity Grade 10) is a high-quality paving grade bitumen manufactured from refined crude oil through advanced refining processes. It is specifically designed to meet standard viscosity requirements at 60°C, ensuring excellent performance in road construction and asphalt pavement applications. Due to its relatively lower viscosity compared to higher grades, **VG10** provides superior workability and coating properties, making it ideal for regions with colder climates and for surface dressing applications.

VG10 bitumen is widely used in the production of hot mix asphalt, prime coats, and cold weather paving projects. Its balanced viscosity ensures proper adhesion between aggregates and asphalt binder, which contributes to durable pavements with improved resistance to cracking and deformation. The material also offers good flexibility at low temperatures, helping prevent brittleness and maintaining structural integrity in varying environmental conditions.

This grade of bitumen is produced and tested according to international standards such as ASTM and Certainly

ADVANTAGES

- ✓ Lower temperature susceptibility
- ✓ Improved control during asphalt plant mixing
- ✓ Higher resistance to rutting and permanent deformation
- ✓ Better performance under heavy traffic and varying climates

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BITUMEN VG10

TECHNICAL SPECIFICATION

Bitumen VG10			
Test	Test Method	Result & Unit	Acceptable Range
Viscosityat 60 °C , Pa.s	ASTM D2171	Pa.s	100 ±20
Visat 135 °C, mm ² /scosity	ASTM D2170	mm ² /s	Min 150
Penetrationat 25 °C , 100gr,5s	ASTM D5	mm/10	Min 70
Flash Point	ASTM D92	°C	Min 220
Solubility	ASTM D2042	%	Min 99.0
Tests on residue from thin-film oven test:			
Viscosity 60 °C , Pa.s	AASHTO T102	Pa.s	Max 500
Ductilityat 25 °C , 5Cm/min ,cm	ASTM D113	cm	Min50
Deviation from the test method, supplementary cases and the laboratory's opinion regarding to rejection or acceptance of the results: The Results are in accordance with ASTM D946 (TABLE 1)-INSO 12505-2 (TABLE 1)			

BITUMEN VG10

AVAILABLE PACKAGING OPTIONS



Barrel
180 ± 5 Kg



Jumbo Bag
1000 ± 50 Kg



Bulk
24000 ± 200 kg

Why Us

- multi-source of supply
- fast and efficient global distribution
- reliable inventory and supply continuity
- reduced geopolitical and supply chain risks

APPLICATIONS



Road Construction



Waterproofing



Asphalt Mixtures

