



Bitumen VG20

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen VG20 is another viscosity-graded bitumen, classified based on its viscosity, and is commonly used in road construction. It has a higher viscosity than VG10, making it more suitable for warmer climates and more demanding road conditions.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 60	ASTM D5
Absolute viscosity at 60°C	P	1600-2400	ASTM D2171
Kinematic viscosity at 135°C	cSt	Min. 300	ASTM D2170
Flash Point Cleveland open cup	°C	Min. 220	ASTM D92
Solubility in Trichloroethylene	% Wt	Min. 99.0	ASTM D2042
Softening Point °C	°C	Min. 45	ASTM D36
After Rolling Thin-Film Oven Test (RTFO)			
Ductility of residue @25°C (77°F), 5 cm/min	CM	Min.50	ASTM D113
Penetration of Residue	%	Min.40	ASTM D5

Quality:

The quality of the bitumen is assured for every delivery with arrangement of international inspector to check quality and controlling the production by Quality Control and also by batch test report before shipping

Application:

Bitumen VG20 is primarily used in the construction and maintenance of roads, particularly in moderate to warm climates, and is also used in waterproofing and surface dressing applications.

Health & Safety:

Bitumen is unlikely to present any significant health or safety hazard when properly used in the recommended application, provided good standards of industrial and personal hygiene are maintained

Packaging:

New steel drums, reconditioned steel drums, Weatherproof packaging in poly bags, Bulk Steel Drums : 180Kg, 200Kg Poly Bags : 300Kg, 1000Kg Bulk : Vessel Load, Tank Containers

Code Approvals/Compliance:

Meets: IS 73:2013

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