



Bitumen VG10

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen VG10 is the softest grade of viscosity bitumen. This type of bitumen is widely used for spraying applications and surface coating. It can be used in lieu of 80/100 Penetration grade.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 80	ASTM D5
Absolute viscosity at 60°C	P	800-1200	ASTM D2171
Kinematic viscosity at 135°C	cSt	Min. 250	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. 40	ASTM D36
After Rolling Thin-Film Oven Test (RTFO)			
Ductility of residue @25°C (77°F), 5 cm/min	CM	Min.75	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 VG10 bitumen means that your bitumen is also suitable for paving roads in a very cold and cold climate instead of the old 80/100 penetration grade. The air temperature that matches Bitumen VG10 ranges from -100°C to 250°C. Due to the high temperatures in hot climatic zones, the application of Bitumen VG10 cannot provide desirable rutting resistance.

This type of bitumen is also used to manufacture bitumen emulsions and modified bitumen products especially in India. As a viscosity grade bitumen, Bitumen VG10 has a better performance in cold weather.

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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