



Bitumen VG40

(Viscosity Grade Bitumen)

PRODUCT DATA SHEET

Bitumen VG40 is a standard viscosity grade bitumen usually used for heavy duty road construction and highly stressed areas to endure substantial traffic loads and high temperature as per following technical specification. Due to the higher viscosity of VG40, stiffer bitumen mixes can be produced to improve paving resistance to higher temperature and heavy traffic loads.

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 35	ASTM D5
Absolute viscosity at 60°C	P	3200-4800	ASTM D2171
Kinematic viscosity at 135°C	cSt	Min. 400	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. 50	ASTM D36
After Rolling Thin-Film Oven Test (RTFO)			
Ductility of residue @25°C (77°F), 5 cm/min	CM	Min. 25	ASTM D113
Penetration of Residue	%	Min. 25	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 VG-40 can be used in various asphalt mix designs and techniques which result in the manufacture of cohesive asphalt mixes suitable for any type of traffic. It is suitable for heavy traffic road, airport runway and taxiway, container terminals.

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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