



# Bitumen VG30

(Viscosity Grade Bitumen)

## PRODUCT DATA SHEET

**Bitumen VG30** - It is primarily used to construct extra heavy-duty Bitumen pavements that need to endure substantial traffic loads. It can be used in lieu of 60/70 Penetration grade

CHARACTERISTICS	UNIT	LIMITS	TEST METHODS
Penetration @25°C (77°F), 100gm, 5sec	0.1MM	Min. 45	ASTM D5
Absolute viscosity at 60°C	P	2400-3600	ASTM D2171
Kinematic viscosity at 135°C	cSt	Min. 350	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. 47	ASTM D36
<b>After Rolling Thin-Film Oven Test (RTFO)</b>			
Ductility of residue @25°C (77°F), 5 cm/min	CM	Min 40	ASTM D113
Penetration of Residue	%	Min. 47	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-30 is basically in constructing heavy duty Bitumen pavement projects that must withstand a significant traffic load. Also, VG30 is widespread in road construction, waterproofing, building construction subsidiary and also in cutback bitumen production. It can be a replacement for 60/70 Penetration grade as well. It is the most suitable for using in hot and rainy weather which can cause many problems in paving and also a good choice for mild regions.

### 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 Container

### Code Approvals/Compliance:

Meets: IS 73:2013

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