

Technical Data Sheet

Bitumen VG30

Another type of refinery bitumen that is vacuum bitumen produced by aeration is VG 30 bitumen. Purchase of bitumen of this type in order to use it in ultra-heavy bitumen sidewalk projects or construction / road construction projects that have to withstand heavy and very heavy traffic load. Apart from the road construction industry, VG 30 bitumen is used in insulation, construction and also in the production of liquid bitumen.

Applications:

The most common application of VG-30 bitumen is basically in the construction of bitumen paving projects that have to withstand a significant traffic load. The VG30 is also widely used in road construction, waterproofing, building construction, as well as in the production of frozen bitumen. It can also replace the 60/70 degree of penetration. It is most suitable for use in hot and rainy weather, which can cause many problems in pavement, and is also a good option for temperate areas.

Properties	Unit	Specification	Test Method
Absolute Viscosity @60°C, Poises	°c	Min 2400	IS 1206 (Part 2)
Kinematic Viscosity@ 135°C	cst	Min 350	IS 1206 (Part 3)
Softening point °c	°c	Min 47	IS 1205
Flash point	°c	Min 220	IS 1209
Solubility in CS2	%	Min 99	IS 1206
Penetration @ 25°C(100 grams, 5 seconds)	0.1 mm	50-70	IS 1203
Test on residue from thin film oven test/ RTFOT			
Viscosity @ 60°C	°c	Max 4	IS 1206 (Part 2)
Ductility @25°C, (Thin film oven test)	Cm	Min 40	IS 1208
Specification Gravity@27/27	°c	Min 0.99	IS 1202
Conforms to BIS(IS 73:2006) Specifications			