



## BITUMEN VG 20

### DESCRIPTION

It is a kind of bitumen, which is provided during the process of oxidation of vacuum bottom the bitumen production feedstock that derives from distillation tower residue in vacuum oil refineries at bitumen production units. In a manner that its Viscosity point

### APPLICATIONS

The main common usage of this product is in road making at temperate regions.

### HEALTH & SAFETY

The MSDS for this product can be obtained on request.

### QUALITY SPECIFICATIONS

BITUMEN VG-20			
CHARACTERISTIC	LIMIT	TEST METHOD	
Absolute Viscosity @60 °C, Poises, Min	1600	ASTM D 2171	IS 1206 (Part 2)
Kinematic Viscosity @135 °C, CSt, Min	300	ASTM D 2170	IS 1206 (Part 3)
Penetration @25 °C, 0.1mm, Min	60	ASTM D 5	IS 1203
Flash Point, °C, Min	220	ASTM D 92	IS 1448 [P:69]
Solubility in TCE, %, Min	99.0	ASTM D 2042	IS 1216
Softening Point, °C, Min	45	ASTM D 36	IS 1205
Test on residue from rolling thin film oven test / RTFOT			
a)Viscosity Ratio @60 °C, Max	4	ASTM D 2171	IS 1206 (Part 2)
b)Ductility @25 °C, Min	50	ASTM D 113	IS 1208

