



GENERAL DATA SHEET

Viscosity Grade Bitumen VG-40

• **Application:**

VG-40 is used in highly stressed areas such as intersections, near toll booths and truck parking lots in lieu of old 30/40 Penetration grade. Due to its higher viscosity, stiffer Bitumen mixes can be produced to improve resistance to shoving and other problems associated with higher temperature and heavy traffic loads.

• **Specifications:**

Characteristic	Specification	Test Method
Penetration @ 25C,100 g	35	IS 1203
Absolute Viscosity @60°C, Poises	3200 Min	IS 1206
Kinematic Viscosity @135°C, c St	400 Min	IS 1206
Softening point (R&B), °C	50 Min	IS 1205
A – Viscosity Ratio @ 60°C	4.0	IS 1206
B – Ductility @ 25°C, Cm	25 Min	IS 1208
Flash Point, °C	220 Min	IS 1448
Solubility in TCE	99.0 Min	IS 1216