

TECHNICAL DATA SHEET

VG GRADE BITUMEN

Note: Viscosity Grade Bitumen is a standard grade Bitumen especially used as a Paving Grade Bitumen suitable for road construction and for the production of asphalt pavements with superior properties. This mainly uses in manufacture of hot mix asphalt for bases-wearing courses, possesses characteristics, qualities unique and quite different from other agents.

Specification	Exact Grade				Test Method
	VG 10	VG 20	VG 30	VG 40	
Penetration@25C	80	60	45	35	IS203
Absolute Viscosity@60C,Poises	800-1200	1600-2400	2400-3600	3200-4800	IS1206
Kinematic Viscosity@135C	250	300	350	400	IS1206
Flash point C	220	220	220	220	IS1448
Solubility in CS ₂ (wt)%	99.0	99.0	99.0	99.0	IS1216
Softening Point	40	45	47	50	IS1205
Viscosity ratio @60 C	4	4	4	4	IS1206
Ductility@25C	75	50	40	2	IS1208