BPCL REFINERY, MAHUL, MUMBAI - 400 074

BITUMEN

(VISCOSITY GRADES)

TEST	METHOD	SPECIFICATION			
		VG10	VG20	VG30	VG40
Penetration @ 25°C, 0.1 mm 100 gm, 5 sec., Min.	IS 1203	80	60	45	35
Absolute Viscosity at 60°C, Poises	IS 1206 (Part 2)	800-1200	1600-2400	2400-3600	3200-4800
Kinematic Viscosity at 135°C, cSt, Min.	IS 1206 (Part 3)	250	300	350	400
Flash Point (Cleveland Open Cup,) °C, Min.	IS 1448 (P : 69)	220	220	220	220
Solubility in trichloroethylene, %, Min.	IS 1216	99.0	99.0	99.0	99.0
Softening Point.(R&B), °C, Min.	IS 1205	40	45	47	50
Tests on residue from Rolling Thin Film Oven Test\RTFOT					
a) Viscosity ratio at 60°C, Max.	IS 1206 (Part 2)	4.0	4.0	4.0	4.0
b) Ductility at 25°C, cm, Min.	IS 1208	75	50	40	25

Conforms to BIS (IS 73:2013) Specifications