

Exotron Thermal Pvt. Ltd.

BITUMEN: VISCOSITY GRADE					
Parameter	Unit	VG 40	VG 30	VG 20	VG 10
Absolute Viscosity at 60°C, min	Poises	3200	2400	1600	800
Kinematic Viscosity at 135°C, min	cSt	400	350	300	250
Flash Point (Cleveland Open Cup), min	°C	220	220	220	220
Solubility in trichloroethylene, min	%	99	99	99	99
Softening Point (R&B), min	°C	50	47	45	40
Penetration @25°C, 100g, 5 sec	0.1 mm	40-60	50-70	60-80	80-100

BITUMEN: PENETRATION GRADE			
Parameter	Unit	60/70	80/100
Specific Gravity at 25°C		1.01-1.06	1.01-1.05
Penetration at 25°C, 100g, 5 sec	0.1 mm	60-70	80-100
Softening Point	°C	49-56	42-52
Ductility at 25°C	cm	Min 100	Min 100
Loss on heating	%	Max 0.2	Max 0.5
Drop in penetration after heating	%	Max 20	Max 20
Flash Point	°C	Min 250	Min 225
Solubility in trichloroethylene	%	Min 99	Min 99