

## Material Test Certificate of Bitumen VG-30

SL NO	Characteristics	Findings	Req. as Per IS : 73 - 2013 Reaf : 2018	Method of Test
1	Penetration (at 25°C) (100 gm, 5s , 0.1 mm)	49	45 Min	IS:1203-2022
2	Absolute Viscosity at 60°C, (Poises)	3469.98	2400-3600	IS:1206(P-2)-2022
3	Kinematic Viscosity at 135°C, cSt	515.36	350 Min	IS:1206(P-3)-2021
4	Flash POINT (Cleveland Open Cup, )°C	316	220 Min	IS: 1448(P-69)-2019
5	Solubility in trichloroethylene (% by mass)	99.82	99.00 Min	IS: 1216 -1978, Reaf : 2019
6	Softening Point °C (Ball & Ring Method)	53.0	47 Min	IS: 1205 -2022
<b>7. Test On residue from rolling thin flim oven test</b>				
a	Viscosity ratio at 60°C	1.54	4.0 Max	IS: 1206 (P-2) -2022
b	Ductility at 25°C, cm	84	40 Min	IS: 1218 -1978, Reaf : 2019
8	Specific Gravity	1.04	Not Specified	IS : 1202-2021

