

## Specifications of 30-45 bitumen

Penetration-Graded Asphalt Cement BS EN 12591		Test / Method	Requirement	
1	Softening Point, °C	D36	52	60
2	Flash Point, °C	D92	240	-
3	Penetration @ 25°C, 0.1 mm	D5	30	45
4	Solubility in trichloroethylene, w%	D2042	99.00	-
5	Special Weight@ 25°C, $gr/cm^3$	EN 12592	To be reported	
6	Rolling Thin-Film Oven Test	D2872	-	
6-1	Change in Mass, w%	EN 12607-1	0.5>	
6-2	Penetration, %		53<	
6-3	Increase the softness point under normal conditions, °C OR Increase the softness point than usual, °C		8> Or 11>	
6-4	Permeability index		NR -1.5 to +0.7	
6-5	Fraas breaking Point, °C		---	-5> OR NR