

Specifications of 40-60 bitumen

Penetration-Graded Asphalt Cement BS EN 12591		Test / Method			Grade 40-60	
		ASTM	AASHTO	INSO	Min	Max
		-	-	12505-1		
1	Softening Point , ⁰ C	D36	-	3868	48	56
2	Flash Point , ⁰ C	D92	T48	198	230	-
3	Penetration @ 25 ⁰ C , 0.1 mm	D5	T49	2950	40	60
4	Solubility in trichloroethylene , w %	D2042	T44	2953	99.0	-
5	Special Weight@ 25 ⁰ C , gr/cm ³	EN 12592	T228	3872	To be reported	
6	Rolling Thin-Film Oven Test	D2872	T240	11898	-	
6-1	Change in Mass , w%	EN 12607-1			0.5 ≥	
6-2	Penetration,%				50 ≤	
6-3	Increase the softness point under normal conditions, ⁰ C OR Increase the softness point than usual, ⁰ C				9 ≥ Or 11 ≥	
6-4	Permeability index				NR -1.5 to +0.7	
6-5	Fraass breaking Point , ⁰ C				-	-