

Palayesh-e Hesar Mehran Co.



Brand: Hesar Mehran

Bitumen **50-70**

Penetration-Graded Asphalt Cement BS EN 12591		Test / Method			Grade 50-70	
		ASTM	AASHTO	INSO	Min	Max
		-	-	12505-1		
1	Softening Point , ⁰ C	D36	-	3868	46	54
2	Flash Point , ⁰ C	D92	T48	198	230	-
3	Penetration @ 25 ⁰ C , 0.1 mm	D5	T49	2950	50	70
4	Solubility in trichloroethylene , w %	D2042	T44	2953	99.00	-
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				9 ≥ Or 11 ≥	
	OR					
	Increase the softness point than usual, ⁰ C					
6-4	Permeability index	NR -1.5 to +0.7				
6-5	Fraass breaking Point , ⁰ C	-	-	3867	NR or -8 ≥	



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