

Palayesh-e Hesar Mehran Co.

Brand: Hesar Mehran

Bitumen **100-150**



Penetration-Graded Asphalt Cement BS EN 12591		Test / Method			Grade 100-150	
		ASTM	AASHTO	INSO	Min	Max
		-	-	12505-1		
1	Softening Point , ⁰ C	D36	-	3868	36	47
2	Flash Point , ⁰ C	D92	T48	198	230	-
3	Penetration @ 25 ⁰ C , 0.1 mm	D5	T49	2950	100	150
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			0.8 ≥	
6-2	Penetration,%				43 ≤	
6-3	Increase the softness point under normal conditions, ⁰ C OR				10 ≥ Or	
	Increase the softness point than usual, ⁰ C				12 ≥	
6-4	Permeability index				NR -1.5 to +0.7	
6-5	Fraass breaking Point , ⁰ C	-	-	3867	NR or -12 ≥	



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