

# Palayesh-e Hesar Mehran Co.

Brand: Hesar Mehran

Bitumen **120-150**



Penetration-Graded Asphalt Cement		Test / Method			Grade 120-150	
		ASTM	AASHTO	INSO	Min	Max
		D946	-	12505-1		
1	Softening point , <sup>0</sup> C	D36	-	3868	38	-
2	Flash point , <sup>0</sup> C	D92	T48	198	220	-
3	Penetration @ 25 <sup>0</sup> C , 0.1 mm	D5	T49	2950	120	150
4	Solubility in trichloroethylene , w %	D2042	T44	2953	99.00	-
5	Ductility @ 25 <sup>0</sup> C , Cm	D113	T51	3866	100	-
6	Thin-Film Oven Test	D1754	T179	2957		
6-1	Change in Mass , w%	D1754	T179	2957	-	1.3
6-2	Retained Penetration @ 25 <sup>0</sup> C ,% of original	D1754/D5	T49	2950	42	-
6-3	Ductility of Residue @ 25 <sup>0</sup> C ,Cm	D1754/D113	T51	3866	100	-
7	Special Weight@ 25 <sup>0</sup> C , gr/cm <sup>3</sup>	D70-03	T228	3872	To be reported	
8	Spot Test	-	T102	2949	Negative	



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