

Palayesh-e Hesar Mehran Co.

Bitumen 60-70



PAVING BITUMEN ROAD CONSTRUCTION BITUMENS

No.	Test	Unit	Test / Method			Specification	
			ASTM	AASHTO	ISIRI	Min	Max
1	Softening point	°C	D36	-	3868	46	-
2	Flash point	°C	D92	T48	198	230	-
3	Penetration @ 25 °C (100 gr. 5s)	10 ⁻¹ mm	D5	T49	2950	60	70
4	Solubility in trichloroethylene	wt%	D2042	T44	2953	99.00	-
5	Ductility @ 25 °C (5 cm/min)	Cm	D113	T51	3866	100	-
6	Thin-Film Oven Test						
6-1	Change in Mass	wt%	D1754	T179	2957	-	0.8
6-2	Retained Penetration @ 25 °C	% of original	D1754/D5	T49	2950	52	-
6-3	Ductility of Residue @ 25 °C	Cm	D1754/D113	T51	3866	50	-
7	Specific Gravity @ 25°C	(Kg/m3)	D70-03	T228	3872	1.01	1.06
8	Spot Test	-	-	T102	2949	Negative	
9	Viscosity	cp	D2171	T202	12855	300	-



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