

Palayesh-e Hesar Mehran Co.

Polymer bitumen



No.	Test	Unit	Test / Metod			Result
			ASTM	AASHTO	ISIRI	
1	Softening point	°C	D36	-	3868	62
2	Flash point	°C	D92	T48	198	298
3	Penetration @ 25 °C (100 gr. 5s)	10 ⁻¹ mm	D5	T49	2950	52
4	Penetration @ 4 °C (100 gr. 5s)	10 ⁻¹ mm	D5	T49	2950	29.5
5	Reversibility@ 25 °C	%	D5329	-	-	22
6	Elastic Recovery	%	D6084			54
7	Thin-Film Oven Test					
7-1	Retained Penetration @ 4 °C	% of original	D1754	T179	2957	-
7-2	Retained Penetration @ 25 °C					75.5
7	Separation at 163 °C in 48 hr Difference in the Softening point Upper 1/3 and lower 1/3	°C	D5892	-	-	10.5
	Separation at 163 °C in 24 hr Difference in the Softening point Upper 1/3 and lower 1/3	°C	D5892	-	-	3
9	Viscosity in 175 °C	cp	D2196	-	-	412



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