

Palayesh-e Hesar Mehran Co.



Emulsion Bitumen / CMS-2

No.	Test	Test / Metod		Acceptable range		Result
		ASTM	INSO	min	max	
1	Viscosity by Saybolt Furol Viscometer@ 50 °C,SFS	D7496	20644	50	450	28
2	Storage Stability@ 24hr,%	D6930	20637	–	1	0.5
3	Evaluating Aggregate Coating and water resistance					
3-1	Coating ,dry Aggregate	D244	20640	good	–	good
3-2	Coating ,after spraying water			Average	–	Average
3-3	Coating , wet Aggregate			Average	–	Average
5	Determine the particle load	D7402	20642	Positive		+
6	Sieve Test,%	D6933	20638	-	0.1	0.04
7	Distillation					
7-1	The oily product obtained from distillation relative to the volume of emulsion,%	D6997	13580	-	12	0.25
7-2	distillation residue,%			65	-	66.54
8	Test on distillation residue					
8-1	Penetration @ 25 °C (100 gr. 5s),10 ⁻¹ mm	D5	2950	100	250	112
8-2	Ductility @ 25 °C (5 cm/min), Cm	D113	3866	40	-	+100
8-3	Solubility in trichloroethylene, wt%	D7553	2953	97.5	-	97.69



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