

# Palayesh-e Hesar Mehran Co.



Brand: Hesar Mehran

## Emulsion Bitumen **CMS-2**

Cationic Emulsified Asphalt		Test / Method		Acceptable range	
		ASTM	INSO	min	max
		D2397	12505-7		
1	Viscosity by Saybolt Furol Viscometer@ 50 °C,SFS	D7496	20644	50	450
2	Storage Stability@ 24hr,%	D6930	20637	–	1
3	Evaluating Aggregate Coating and water resistance				
3-1	Coating ,dry Aggregate	D244	20640	good	–
3-2	Coating ,after spraying water			Average	–
3-3	Coating , wet Aggregate			Average	–
3-4	Coating ,after spraying water			Average	–
5	Determine the particle load	D7402	20642	Positive	
6	Sieve Test,%	D6933	20638	-	0.1
7	Distillation				
7-1	The oily product obtained from distillation relative to the volume of emulsion,%	D6997	13580	-	12
7-2	distillation residue,%			65	-
8	Test on distillation residue				
8-1	Penetration @ 25 °C ( 100 gr. 5s ),10 <sup>-1</sup> mm	D5	2950	100	250
8-2	Ductility @ 25 °C (5 cm/min ), Cm	D113	3866	40	-
8-3	Solubility in trichloroethylene, wt%	D7553	2953	97.5	-



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