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HFRS-P2/HFE-100S

SPECIFICATIONS FOR POLYMER MODIFIED ANIONIC EMULSIONS

The asphalt shall be polymer modified prior to emulsification. The emulsion shall be smooth and homogeneous and confirm to the following requirements.

PROPERTIES	MIN	MAX
Viscosity SFS @ 50°C	50	
Storage Stability, 1 day		1.0
Demulsibility, 0.02 N CaCL ₂ , 35 ml, %	40	
Sieve %		0.10
Residue by 204°C Distillation, %	65**	
Oil in distillate by volume, %		2.0

TESTS ON RESIDUE FROM DISTILLATION

Penetration @ 25°C, dmm	90	200
Float @ 60° C, sec	1200	
Ductility @ 25° C, cm	75	
Elastic Recovery, 10° C 20 cm elongation standard mold, 5 minute relaxation, %	58*	
Solubility in Trichloroethylene, %	97.5	
Force Ductility	0.3*	

* See attached procedure

** The Standard Distillation procedure shall be modified as follows: The temperature on the lower thermometer shall be brought slowly to 204° plus or minus 5° Celsius and maintained at this point for 20 minutes. Complete the total distillation in 60 plus or minus 15 minutes from the first application of heat.

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