

HFRS-P1 / HFE-90-1 S 50/50 Dilute

Specification for Anionic, High-float Polymerized Asphalt Emulsion

This specification has been designed to yield a set of distinguishing characteristics for a polymer modified emulsion. The binder is not a conventional asphalt cement. Efforts have been taken to use as many recognized tests as possible, yet demonstrate the materials unique properties.

The asphalt must be polymerized prior to emulsification. The emulsion can be classified as a high-float, medium setting, anionic-type emulsion for seal coat.

TESTS ON EMULSIONS

	<u>MIN.</u>	<u>MAX.</u>
Viscosity @ 122° F, SSF	NA	
Storage Stability, 1 day, %		
The material after setting undisturbed for 24 hours shall show no white milky separation but shall be homogeneous throughout.		1.0
Sieve Test, %		0.1
Demulsibility, 0.02 N CaCl ₂ , %	30	
Asphalt Content by Distillation 8 400° F, (1) %	31	
Oil in Distillate by Volume, %		3.0

TEST ON RESIDUE FROM DISTILLATION

Penetration @ 77° F, 100 g., 5 sec. l/10 mm	90	150
Float Test @ 140° F, sec.	1200	
Elastic Recovery (4) @ 50° F	30 Min.	
* Forced Ductility at 4.2° C / 39.2° F		

* ALBINA ASPHALT procedures available through O.S.H.A.

Not enough data available at this time; updates available shortly.