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HFMS-2SP/HFE-300S

SPECIFICATIONS FOR POLYMER MODIFIED ANIONIC EMULSIONS

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

| PROPERTIES | MIN | MAX |
|------------------------------------|------|------|
| Viscosity SFS @ 50°C | 50 | |
| Storage Stability, 1 day | | 1.0 |
| Sieve % | | 0.10 |
| Residue by 204°C Distillation, % | 65** | |
| Oil in distillate by volume, % | | 7.0 |
| Solubility in Trichloroethylene, % | 97.5 | |

TESTS ON RESIDUE FROM DISTILLATION

| | |
|--|------|
| Penetration @ 25°C, dmm | 300 |
| Float @ 60° C, sec | 1200 |
| Ductility @ 25° C, cm | 75 |
| Elastic Recovery, 10° C 20 cm elongation standard mold, 5 minute relaxation, % | 25 |

** The Standard Distillation procedure shall be modified as follows: The temperature on the lower thermometer shall be brought slowly to 204±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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