

TECHNICAL DATA SHEET – AEP

DESCRIPTION

Blacklidge's AEP is an anionic asphalt emulsion. AEP is a penetration prime formulated to meet the standards set forth in section 916 of FDOT Standard Specifications for Roads and Bridges.

PHYSICAL PROPERTIES

- Boiling Point (°F): 212
- Specific Gravity (H₂O = 1): 1.01
- Solubility in Water: Dispersible
- Appearance and Odor: Brown liquid with Mild Petroleum Odor

PARAMETER	TEST METHOD	MIN	MAX
Tests on Emulsion			
Saybolt Furol Viscosity, SFS @ 25 °C	AASHTO T 72	20	140
Storage Stability, 1 day, %	AASHTO T 59	----	1.0
5 Day Settlement, %	AASHTO T 59	----	5.0
Particle Charge	AASHTO T 59	Negative	
Residue by Distillation	AASHTO T 59	55	----
Oil Distillate, %	AASHTO T 59	----	12.0
Sieve Test	AASHTO T 59	----	0.1
Tests on Residue			
Penetration @ 25 °C, dmm	AASHTO T 49	40	200
Ductility @ 25 °C	AASHTO T 51	40	----
Solubility, %	AASHTO T 44	97.5	----

LIMITATIONS

Proper storage, handling, and application guidelines must be followed carefully for best results. As with any emulsion, do not allow the material to freeze or boil because of aggressive heating. Freezing or boiling of AEP will break the emulsion. AEP IS NOT COMPATIBLE WITH CATIONIC EMULSIONS (CRS, CMS, CSS, CQS, etc.). All equipment should be thoroughly cleaned if cationic emulsion was previously present. It is highly recommended for the product to be applied when hot (140°F to 160°F). Please contact your Blacklidge representative prior to first use for detailed storage and handling procedures.

CAUTION

For industrial use only. Keep out of reach of children. Refer to SDS for further information.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

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