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## RECLAMITE® Asphalt Rejuvenating Agent - Type A

### Specifications:

Tests	Test Method		Requirements	
	ASTM	AASHTO	Min.	Max.

#### Tests on Emulsion:

Viscosity @ 25°C, SFS	D-244	T-59	15	40
Residue, % w <sup>(1)</sup>	D-244 (mod)	T-59 (mod)	60	65
Miscibility Test <sup>(2)</sup>	D-244 (mod)	T-59 (mod)	No Coagulation	
Sieve Test, % w <sup>(3)</sup>	D-244 (Mod)	T-59 (mod)	---	0.1
Particle Charge Test	D-244	T-59	Positive	
Percent Light Transmittance <sup>(4)</sup>	GB	GB	---	30
Cement Mixing	D-244			2.0

#### Tests on Residue from Distillation

Flash Point, COC, °C	D-92	T-48	196	---
Viscosity @ 60°C, cSt	D-445	---	100	200
Asphaltenes, %w	D-2006-70	---	0.4	0.75
Maltene Distribution Ratio	D-2006-70	---	0.3	0.6
$\frac{PC + A_1^{(5)}}{S + A_2}$				
PC/S Ratio <sup>(5)</sup>	D-2006-70	---	0.5	---
Saturate hydrocarbons, S <sup>(5)</sup>	D-2006-70	---	21	28

<sup>1</sup>ASTM D-244 Evaporation Test for percent of residue is made by heating 50 gram sample to 149°C (300°F) until foaming ceases, then cool immediately and calculate results.

<sup>2</sup>Test procedure identical with ASTM D-244 60 except that .02 Normal Calcium Chloride solution shall be used in place of distilled water..

<sup>3</sup>Test procedure identical with ASTM D-244 60 except that distilled water shall be used in place of two percent sodium oleate solution.

<sup>4</sup>Test procedure is attached.

<sup>5</sup>Chemical composition by ASTM Method D-2006-70:

PC = Polar Compounds,      A<sub>1</sub> = First Acidaffins.  
 A<sub>2</sub> = Second Acidaffins,      S = Saturated Hydrocarbons.

Note: For gal/ton conversion use 242 gal/ton.

Note: Data presented are typical. Slight variation may occur from lot to lot.