

# BLACKLIDGE<sup>®</sup>

## TECHNICAL DATA SHEET – ReGen<sup>™</sup>

### DESCRIPTION

Blacklidge's ReGen<sup>™</sup> is the most state-of-the-art regenerator available for high-performing reclaimed asphalt pavement (RAP) and reclaimed asphalt shingles (RAS) treatment applications. ReGen<sup>™</sup> upgrades reclaimed asphaltic materials by re-balancing the chemical makeup and particle size distribution thereby significantly reversing the adverse effects of aging. In many cases, it is possible to use ReGen<sup>™</sup> in high percentage RAP and/or RAS mixtures to yield binder that meets agency-specified PG grade (AASHTO M320), a mixture that meets all volumetric design requirements (AASHTO M 323), and a mixture that is resistant to moisture damage (AASHTO T283). ReGen<sup>™</sup> also negates the need to add additional virgin binder (+0.20% or more) to mixtures containing moderate-to-high percentages of RAP and/or RAS (common agency requirement to offset "inactive" RAP/RAS binder).

### PHYSICAL PROPERTIES

- Flowability: Liquid at ambient temperature
- Specific Gravity (H<sub>2</sub>O = 1): 0.95
- Solubility in Water: Dispersible
- Appearance and Odor: Dark Brown liquid with Moderate Odor

### SPECIFICATION

PARAMETER	TEST METHOD	MIN	MAX
<b>Original Substance (Before Aging)</b>			
Kinematic Viscosity, cSt @ 60°C	T 201	20	100
Viscosity, SFS @ 25°C	T 72	50	300
Flash Point (COC), °C	T 48	200	----
Colloidal Index (CI) = ((NA+PA)/(S+A))	D 4124	7.0	----
<b>RTFO Substance (Aging according to AASHTO T240)</b>			
Mass Loss, %	T 240	1.0	3.0
Kinematic Viscosity ratio (After/Before aging)	T 201	----	2.0
Viscosity, SFS ratio (After/Before aging)	T 72	----	2.0

### LIMITATIONS

Proper application guidelines must be followed carefully for best results. Please contact your Blacklidge representative prior to first use for detailed instructions.

### CAUTION

For industrial use only. Refer to SDS for further information.

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCT REGULATIONS.

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