

عنوان مقاله:

Improving and modifying the properties of bitumen by using different additives and introducing new and effective additives

محل انتشار:

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خلاصه مقاله:

The performance properties of bitumen can be improved by using several modifiers. In this research, the separate role of Styrene butadiene styrene, Bentonite, Elastobit, Styrene Butadiene Rubber, Uintahite, Rubber powder, Solid oil, modified sulphur, BS₁ and BS₂ in improving the performance of bitumen has been discussed. Each of these materials has the ability to improve different binder properties. The evaluation of the samples was done with tests of Softening Point, Degree of Penetration and in some cases Ductility, as a result of which it was found that additives SBS and BS₁, BS₂ bring favorable results by increasing the controlled softening point.

کلمات کلیدی:

Softening Point, Degree of Penetration, Ductility, BS₁, BS₂

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